

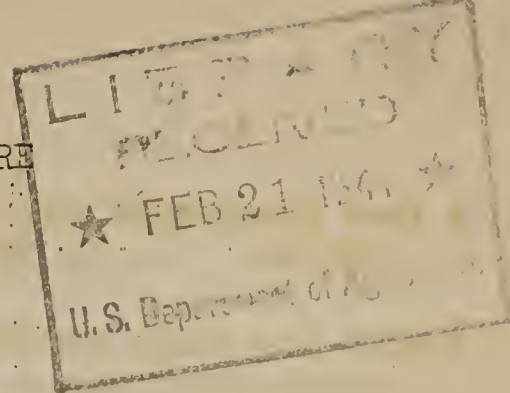
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UNITED STATES DEPARTMENT OF AGRICULTURE

OFFICE OF EXPERIMENT STATIONS
Washington, D. C.



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during January 1941

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

Science works for the farmer: Fifty-second annual report for the fiscal year ending June 30, 1940. W. R. Horlacher. (Ark. Sta. Bul. 405, 45 p. 1940.) Fayetteville.

Alien plants growing without cultivation in California. W. W. Robbins. (Calif. Sta. Bul. 637, 128 p. 1940.) Berkeley.

Colorado Farm Bulletin. (Colo. Farm Bul. vol. 3, no. 1, 15 p. 1941.) Fort Collins.

The biology of Anasa tristis DeGeer, with particular reference to the Tachinid parasite, Trichopoda pennipes, Fabr. R. L. Beard. (Conn. (State) Sta. Bul. 440, p. 595-679. 1940.) New Haven.

Propagation of ornamental plants. J. V. Watkins. (Fla. Sta. Bul. 347, 54 p. 1940.) Gainesville.

Papaya culture in Florida. H. S. Wolfe and S. J. Lynch. (Fla. Sta. Bul. 350, 35 p. 1940.) Gainesville.

A plan of economical swine production for the Coastal Plain area. B. L. Southwell. (Ga. Coastal Plain Sta. Circ. 7, [11] p. 1940.) Tifton.

Alkali reclamation investigations. R. S. Snyder et al. (Idaho Sta. Bul. 233, 34 p. 1940.) Moscow.

Farm electrification in Idaho. H. Beresford. (Idaho Sta. Bul. 237, 32 p. 1940.) Moscow.

The migration of iron and manganese in colloidal systems. E. Winters. (Ill. Sta. Bul. 472, p. 103-143. 1940.) Urbana.

Seventh annual Illinois corn performance tests, 1940. R. R. Copper et al. (Ill. Sta. Bul. 474, p. 175-223. 1941.) Urbana.

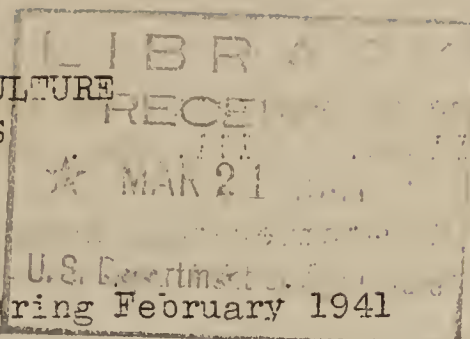
How to know and control stored-grain insects. M. D. Farrar, T. F. Winburn, and W. P. Flint. (Ill. Ext. Circ. 512, 16 p. 1941.) Contribution from Ill. Sta. Urbana.

- A farm management and cost study of strawberry farms in southeastern Louisiana, 1937-38. J. N. Efferson. (La. Sta. Bul. 326, 31 p. 1941.) University.
- Aphids and their relation to the field transmission of potato virus diseases in northeastern Maine. G. W. Simpson. (Maine Sta. Bul. 403, p. 185-305. 1940.) Orono.
- Commercial feeding stuffs, 1939-40. E. R. Tobey. (Maine Sta. Off. Insp. 176, 49 p. 1940.) Orono.
- Commercial fertilizers, 1940. E. R. Tobey. (Maine Sta. Off. Insp. 177, p. 51-98. 1940.) Orono.
- Meteorological observations for December, 1940. C. I. Gunness. (Mass. Sta. Bul. 624, 4 p. 1940.) Amherst.
- Some important Michigan weeds. H. T. Darlington, E. A. Bessey, and C. R. Megee. (Mich. Sta. Spec. Bul. 304, 216 p. 1940.) East Lansing.
- Sugar beet costs and returns in Michigan. K. T. Wright. (Mich. Sta. Spec. Bul. 305, 45. 1940.) East Lansing.
- The development of mold on cold storage eggs and methods of control. W. L. Mallmann and C. E. Michael. (Mich. Sta. Tech. Bul. 174, 34 p. 1940.) East Lansing.
- Sugar beets in Michigan. H. C. Rather et al. (Mich. Sta. Circ. 175, 55 p. 1940.) East Lansing.
- Soils of Michigan. C. E. Millar. (Mich. Sta. Circ. 176, 20 p. 1940.) East Lansing.
- Planning the physical layout of farms. O. W. Howe. (Minn. Sta. Bul. 350, 20 p. 1940.) University Farm, St. Paul.
- The influence of breeding on the performance of beef calves produced in Mississippi. A. E. Cullison. (Miss. Sta. Bul. 347, 14 p. 1940.) State College.
- Sweetpotato plant production in Mississippi. W. S. Anderson. (Miss. Sta. Bul. 349, 20 p. 1940.) State College.
- Home orchards in Mississippi. T. E. Ashley. (Miss. Sta. Bul. 350, 38 p. 1940.) State College.
- The relation of acidity, solids per gallon, and different sources of serum solids to the physical and chemical properties of high serum solids ice cream. W. H. E. Reid, C. W. Decker, and W. S. Arbuckle. (Mo. Sta. Res. Bul. 322, 48 p. 1940.) Columbia.
- Management of Korean lespedeza. C. A. Helm. (Mo. Sta. Circ. 210, 8 p. 1940.) Columbia.

- Montana insect pests, 1939 and 1940: Twenty-eighth report of the state entomologist. H. B. Mills. (Mont. Sta. Bul. 384, 27 p. 1941.) Bozeman.
- Prevention of goiter in farm animals. H. Welch. (Mont. Sta. Circ. 160, 5 p. 1940.) Bozeman.
- Effect of ensiling upon the composition of forage crops. M. W. Taylor, C. B. Bender, and W. C. Russell. (N. J. Sta. Bul. 633, 19 p. 1940.) New Brunswick.
- A survey of practices and costs of producing grass silage on 50 New Jersey farms. J. W. Carncross, A. G. Waller, and E. Rauchenstein. N. J. Sta. Bul. 684, 16 p. 1940.) New Brunswick.
- The Khaki-Campbell egg-type duck. W. C. Thompson. (N. J. Sta. Bul. 635, 15 p. 1940.) New Brunswick.
- Science and the land: Sixty-first annual report of the New Jersey State Agricultural Experiment Station and fifty-third annual report of the New Jersey Agricultural College Experiment Station for the year ending June 30, 1940. W. H. Martin. 151 p. 1940. New Brunswick.
- Effects of mineral-nutrient deficiencies and excesses upon the vegetative growth and flowering of sweet peas. K. Post. (N. Y. (Cornell) Sta. Bul. 745, 27 p. 1940.) Ithaca.
- Fifty-third annual report, Cornell Agricultural Experiment Station, for the fiscal year 1939-40. C. E. Ladd et al. 205 p. 1940. Ithaca.
- Dextrose and corn sirup for frozen desserts. A. C. Dahlberg and E. S. Penczek. (N. Y. State Sta. Bul. 696, 36 p. 1940.) Geneva.
- The effect of the time and temperature of pasteurization upon some of the properties and constituents of milk. R. F. Holland and A. C. Dahlberg. (N. Y. State Sta. Tech. Bul. 254, 55 p. 1940.) Geneva.
- The Massey strawberry. G. M. Darrow and E. B. Morrow. (N. C. Sta. Bul. 327, 3 p. 1940.) State College Station, Raleigh.
- Wheat varieties for North Carolina. G. K. Middleton et al. (N. C. Sta. Bul. 328, 11 p. 1940.) State College Station, Raleigh.
- Feeding soybeans to pigs, the effect on gains and a method of producing firm carcasses. E. H. Hostetler and J. O. Halverson. (N. C. Sta. Tech. Bul. 63, 23 p. 1940.) State College Station, Raleigh.
- North Carolina cotton prices and local marketing prices. G. R. Smith. (N. C. Sta. Tech. Bul. 64, 75 p. 1940.) State College Station, Raleigh.

- The trailing raspberry, Rubus parvifolius L., characteristics and breeding. C. F. Williams and G. M. Darrow. (N. C. Sta. Tech. Bul. 65, 13 p. 1940.) State College Station, Raleigh.
- Growing ornamental greenhouse crops in gravel culture. A. Laurie and D. C. Kiplinger. (Ohio Sta. Bul. 616, 49 p. 1940.) Wooster.
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 207, p. 157-180. 1940.) Wooster.
- Current farm economics, Oklahoma. (Okla. Sta. Cur. Farm Econ., vol. 13, no. 6, p. 139-170. 1940.) Stillwater.
- Science serving agriculture: Report of the Oklahoma Agricultural Experiment Station for the biennium July 1, 1938 to June 30, 1940. W. L. Elizzard. 190 p. 1940. Stillwater.
- The care and maintenance of wood floor finishes in the home. B. M. Kuschke. (R. I. Sta. Bul. 276, 20 p. 1940.) Kingston.
- Operation of Webber Demonstration Farm, 1929-1933. C. Larsen. (S. Dak. Sta. Circ. 31, 31 p. 1940.) Brookings.
- Farm research in South Dakota: Fifty-third annual report, South Dakota Agricultural Experiment Station, July 1, 1939 to June 30, 1940. I. B. Johnson. 95 p. 1940. Brookings.
- Commercial feeding stuffs, from September 1, 1939, to August 31, 1940. F. D. Fuller and J. Sullivan. (Texas Sta. Bul. 534, 221 p. 1940.) College Station.
- Iodine in drinking waters, vegetables, cottonseed meal, and roughages. G. S. Fraps and J. F. Fudge. (Texas Sta. Bul. 595, 25 p. 1940.) College Station.
- Fifty-second annual report [Texas Agricultural Experiment Station], 1939. A. B. Conner. 304 p. [1940] College Station.
- Research aids Utah agriculture: Biennial report, Utah Agricultural Experiment Station, for the biennium ending June 30, 1940. R. H. Walker. (Utah Sta. Bul. 294, 119 p. 1940.) Logan.
- Bitter pit of apple: I, In orchard and in storage. M. B. Cummings and R. G. Dunning. (Vt. Sta. Bul. 467, 30 p. 1940.) Burlington.
- Experiments with lespedeza. A. L. Grizzard, and T. B. Hutcheson. (Va. Sta. Bul. 328, 20 p. 1940.) Blacksburg.
- Epistle to the farm: The report of the West Virginia Agricultural Experiment Station for the biennium July 1938 to June 1940. C. R. Orton. (W. Va. Sta. Bul. 298, 40 p. 1940.) Morgantown.

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UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
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LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during February 1941

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- Genetic relations of sparse lint, naked seeds, and some other characters in upland cotton. J. O. Ware. (Ark. Sta. Bul. 406, 32 p. 1941.) Fayetteville.
- Dairy management in California. A. Shultis. (Calif. Sta. Bul. 640. 94 p. 1940.) Berkeley.
- Economic problems affecting poultry marketing in California. J. H. Tinley and E. C. Voorhies. (Calif. Sta. Bul. 642, 204 p. 1940.) Berkeley.
- Investigations of caterpillars attacking tomatoes in northern California during 1939. A. E. Michelbacher, G. F. MacLeod and W. E. Hoskins. (Calif. Sta. Bul. 644, 20 p. 1940.) Berkeley.
- The relative efficiency of spayed, open, and bred heifers in the feed lot. G. H. Hart, H. R. Guilbert, and E. H. Cole. (Calif. Sta. Bul. 645, 19 p. 1940.) Berkeley.
- Parasites of the black scale, Saissetia oleae, in Africa. H. Compere. (Hilgardia [Calif. Sta.] vol. 13, no. 7, p. 327-425. 1940.) Berkeley.
- Science, servant of agriculture: Report of the California Agricultural Experiment Station, July 1, 1933 to June 30, 1940. C. B. Hutchison et al. 244 p. 1940. Berkeley.
- Annual report of the director for the fiscal year ending June 30, 1940. G. L. Schuster. (Del. Sta. Bul. 227, 41 p. 1940.) Newark.
- Uptake of nutrients by the Perfection miminto plant under field conditions and its relation to fertilizer practices in Georgia. H. L. Cochran and L. C. Olson. (Ga. Sta. Bul. 208, 16 p. 1941.) Experiment.
- Dahlia variety test, 1940. H. L. Cochran et al. (Ga. Sta. Circ. 125, 11 p. 1940.) Experiment.
- Bean improvement and bean diseases in Idaho. D. M. Murphy. (Idaho Sta. Bul. 238, 22 p. 1940.) Moscow.

- Range of adaptation of certain varieties of vegetable-type soybeans. J. V. Lloyd. (Ill. Sta. Bul. 471, p. 78-100. 1940.) Urbana.
- The low-temperature hazard to set of fruit in the apple. M. J. Dorsey. (Ill. Sta. Bul. 473, p. 146-170. 1940.) Urbana.
- Mold mycelia in cream and butter. P. R. Elliker. (Ind. Sta. Circ. 258, 12 p. 1940.) Lafayette.
- Principal potato insects of Iowa and their control. H. C. Manis and H. Gunderson. (Iowa Sta. Bul. P18 (new ser.) p. 510-516. 1941.) Ames.
- 1940 Iowa corn yield test. M. S. Zuber and J. L. Robinson. (Iowa Sta. Bul. P19 (new ser.) p. 518-593. 1941.) Ames.
- Planning the cattle feeding program. R. Beresford. (Iowa Sta. Bul. P20 (new ser.) p. 598-618. 1941.) Ames.
- The challenge to democracy: I, Democracy on trial. J. A. Vieg, (Iowa Sta. Bul. P21 (new ser.) p. 622-636. 1941.) Ames.
- Classification of the organisms important in dairy products: III, Pseudomonas putrefaciens. H. F. Long and B. W. Hammer. Iowa Sta. Res. Bul. 285. p. 175-195. 1941.) Ames.
- Report on agricultural research, [Iowa Agricultural Experiment Station] for the year ending June 30, 1940: Part I, Project reports, publications, staff, financial statement. R. E. Buchanan et al. 300 p. 1940. Ames.
- Report on agricultural research, [Iowa Agricultural Experiment Station] for the year ending June 30, 1940: Part II, Iowa Corn Research Institute, fifth annual report. 80 p. 1940. Ames.
- Kansas corn tests, 1940. R. W. Jugenheimer, A. L. Clapp, and H. D. Hollembeak. (Kans. Sta. Bul. 292, 47 p. 1941.) Manhattan.
- Calcium in the nutrition of the fattening calf. A. D. Weber et al. (Kans. Sta. Tech. Bul. 51, 91 p. 1940.) Manhattan.
- Strawberry growing in Kansas. R. J. Barnett. (Kans. Sta. Circ. 203, 20 p. 1941.) Manhattan.
- Tenth biennial report of the director, Kansas Agricultural Experiment Station, for the biennium July 1, 1938, to June 30, 1940. L. E. Call et al. 159 p. 1940. Manhattan.
- The effect of nitrogen and phosphorus on the growth of apple and peach trees in sand culture. C. S. Waltman. (Ky. Sta. Bul. 410, p. 487-549. 1940.) Lexington.
- Index numbers of prices and production of farm products in Kentucky. D. G. Card, A. J. Brown, and O. M. Farrington. (Ky. Sta. Bul. 411, 39 p. 1941.) Lexington.

Fifty-third annual report of the Kentucky Agricultural Experiment Station for the year 1940: Part II, Bulletins 398-410, Circular 51. 553, 36 p. 1940. Lexington.

Effect of date of planting on corn yields, insect infestation, and fungous diseases. D. M. Johns and H. B. Brown. (La. Sta. Bul. 327, 28 p. 1941.) University.

A cost of production study of tomatoes in north Louisiana, 1939. T. M. Montgomery, Jr., and J. N. Efferson. (La. Sta. Bul. 329, 12 p. 1941.) University.

Home-mixed rations for poultry. H. J. Davis and J. B. Francioni, Jr. (La. Sta. Bul. 330, 4 p. 1941.) University.

Feeding for hatchability. H. J. Davis. (La. Sta. Circ. 27, 4 p. 1941.) University.

Inheritance of broodiness in Rhode Island Reds. F. A. Hays. (Mass. Sta. Bul. 377, 11 p. 1940.) Amherst.

Inspection of commercial feedstuffs. P. H. Smith. (Mass. Sta. Control Ser. Bul. 104, 72 p. 1940.) Amherst.

Inspection of commercial fertilizers. P. H. Smith and J. W. Kuzmeski. (Mass. Sta. Control Ser. Bul. 105, 49 p. 1940.) Amherst.

Inspection of agricultural lime products. P. H. Smith and J. W. Kuzmeski. (Mass. Sta. Control Ser. Bul. 106, 11 p. 1940.) Amherst.

Landform types, a method of quantitative and graphic analysis and classification. L. A. Wolfanger. (Mich. Sta. Tech. Bul. 175, 24 p. 1941.) East Lansing.

The detection, distribution and mobility of certain elements in the tissues of plants growing under different conditions as determined by the spectrographic method. R. P. Hibbard. (Mich. Sta. Tech. Bul. 176, 30 p. 1941.) East Lansing.

Michigan Agricultural Experiment Station report, two years ended June 30, 1940. V. R. Gardner. 51 p. 1940. East Lansing.

The Quarterly Bulletin. (Mich. Sta. Quart. Bul. vol. 23, no. 3, p. 130-202. 1941.) East Lansing.

Oats in Mississippi. R. Kuykendall et al. (Miss. Sta. Bul. 348, 22 p. 1940.) State College.

The classification of land: Proceedings of the First National Conference on Land Classification. (Mo. Sta. Bul. 421, 334 p. 1940.) Columbia.

- Land and fiscal problems in Reynolds County, Missouri. R. J. Silkett. (Mo. Sta. Res. Bul. 324, 80 p. 1940.) Columbia.
- Suggestions for control of bacterial ring rot of potatoes. V. E. Iverson and H. C. Kelly. (Mont. Sta. Circ. 161, 6 p. 1940.) Bozeman.
- Nebraska pastures, seeding and management. A. L. Frolik and E. F. Frolik. (Nebr. Sta. Circ. 67, 32 p. 1941.) Lincoln.
- The business of milk retailing by producer-distributors in New York State. E. M. Hughes. (N. Y. (Cornell) Sta. Bul. 741, 85 p. 1940.) Ithaca.
- The yellows disease of lettuce and endive. M. B. Linn. (N. Y. (Cornell) Sta. Bul. 742, 33 p. 1940.) Ithaca.
- Soil and field-crop management for southeastern New York. A. F. Gustafson. (N. Y. (Cornell) Sta. Bul. 746, 31 p. 1940.) Ithaca.
- Agronomic farm practices in Franklin County, North Carolina. J. F. Lutz and C. B. Williams. (N. C. Sta. Tech. Bul. 66, 43 p. 1940.) State College Station, Raleigh.
- Bacterial ring rot of the potato, investigations on possible dissemination by grasshoppers. W. E. Brentzel and J. A. Munro. (N. Dak. Sta. Bul. 295, 8 p. 1940.) State College Station, Fargo.
- Blight and other damage of Durum wheat in 1940: 1, Effect on macaroni-making quality. R. H. Harris and L. D. Sibbitt.-2, Effect on grain to be used for seed. W. E. Brentzel. (N. Dak. Sta. Bul. 296, 14 p. 1941.) State College Station, Fargo.
- Bimonthly Bulletin. (N. Dak. Sta. Bimo. Bul., vol. 3, no. 3, 23 p. 1941.) State College Station, Fargo.
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 208, 13 p. 1941.) Wooster.
- A study of land utilization in Providence County, Rhode Island. B. E. Gilbert. (R. I. Sta. Bul. 275, 27 p. 1940.) Kingston.
- Fifty-third annual report of the South Carolina Experiment Station for the year ended June 30, 1940. H. P. Cooper et al. 193 p. 1940. Clemson.
- Control of tomato fruit worm and corn ear worm. S. Marcovitch and W. W. Stanley. (Tenn. Sta. Circ. 72, 4 p. 1940.) Knoxville.
- Onion fertilizer experiments at Laredo, Big Wells, and Eagle Pass, Texas. L. R. Hawthorn. (Tex. Sta. Bul. 596, 20 p. 1941.) College Station.
- Comparison of two methods of determining wool density. M. A. Madsen et al. (Utah Sta. Bul. 295, 16 p. 1941.) Logan.

Commercial feeding stuffs. L. S. Walker, E. F. Boyce and H. J. Cannon. (Vt. Sta. Bul. 468, 59 p. 1940.) Burlington.

Housing of 299 Vermont village families. V. Britton. (Vt. Sta. Bul. 469, 52 p. 1940.) Burlington.

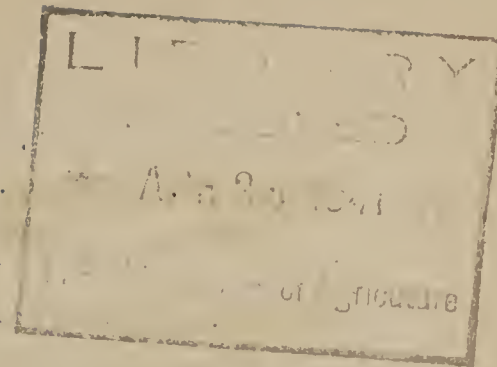
Truck crop investigations: Vegetable crops affected by boron deficiency in eastern Virginia. E. R. Purvis and W. J. Hanna. (Va. Truck Sta. Bul. 105, p. 1721-1742. 1940.) Norfolk.

Practical results from the state experiment farms. W. L. Quayle. (Wyo. Sta. Bul. 243, 43 p. 1941.) Laramie.

Fiftieth annual report of the Wyoming Agricultural Experiment Station for the year ending June 30, 1940. J. A. Hill. 55 p. [1940.] Laramie.

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Arizona's agricultural population. E. D. Tetreau. (Ariz. Sta. Tech. Bul. 88, p. 43-92. 1940.) Tucson.

Studies of the ripening of Marsh grapefruit in Arizona with especial reference to the improvement of maturity measurements. R. H. Hilgeman. (Ariz. Sta. Tech. Bul. 89, p. 93-168. 1941.) Tucson.

Why is subsoil unproductive? R. Gardner. (Colo. Sta. Bul. 464, 7 p. 1941.) Fort Collins.

Fertilizer experiments with potatoes on the marl soils of Dade County. W. M. Fifield and H. S. Wolfe. (Fla. Sta. Bul. 352, 40 p. 1940.) Gainesville.

Paperwhite narcissus: I, The growth cycle; II, some factors affecting bulb and flower production. R. D. Dickey. (Fla. Sta. Bul. 353, 24 p. 1940.) Gainesville.

Culture and fertilizer studies with peanuts. U. R. Gore. (Ga. Sta. Bul. 209, 19 p. 1941.) Experiment.

Corn varieties, hybrids, and cultural practices. S. V. Stacy. (Ga. Sta. Circ. 126, 13 p. 1941.) Experiment.

Production and marketing of Maryland sweet potatoes. C. H. Seufferle et al. (Md. Sta. Bul. 436, p. 41-104. 1940.) College Park.

Rural community organization in Washington and Frederick Counties, Maryland. L. S. Dodson, D. Ensminger and R. N. Woodworth. (Md. Sta. Bul. 437, p. 105-164. 1940.) College Park.

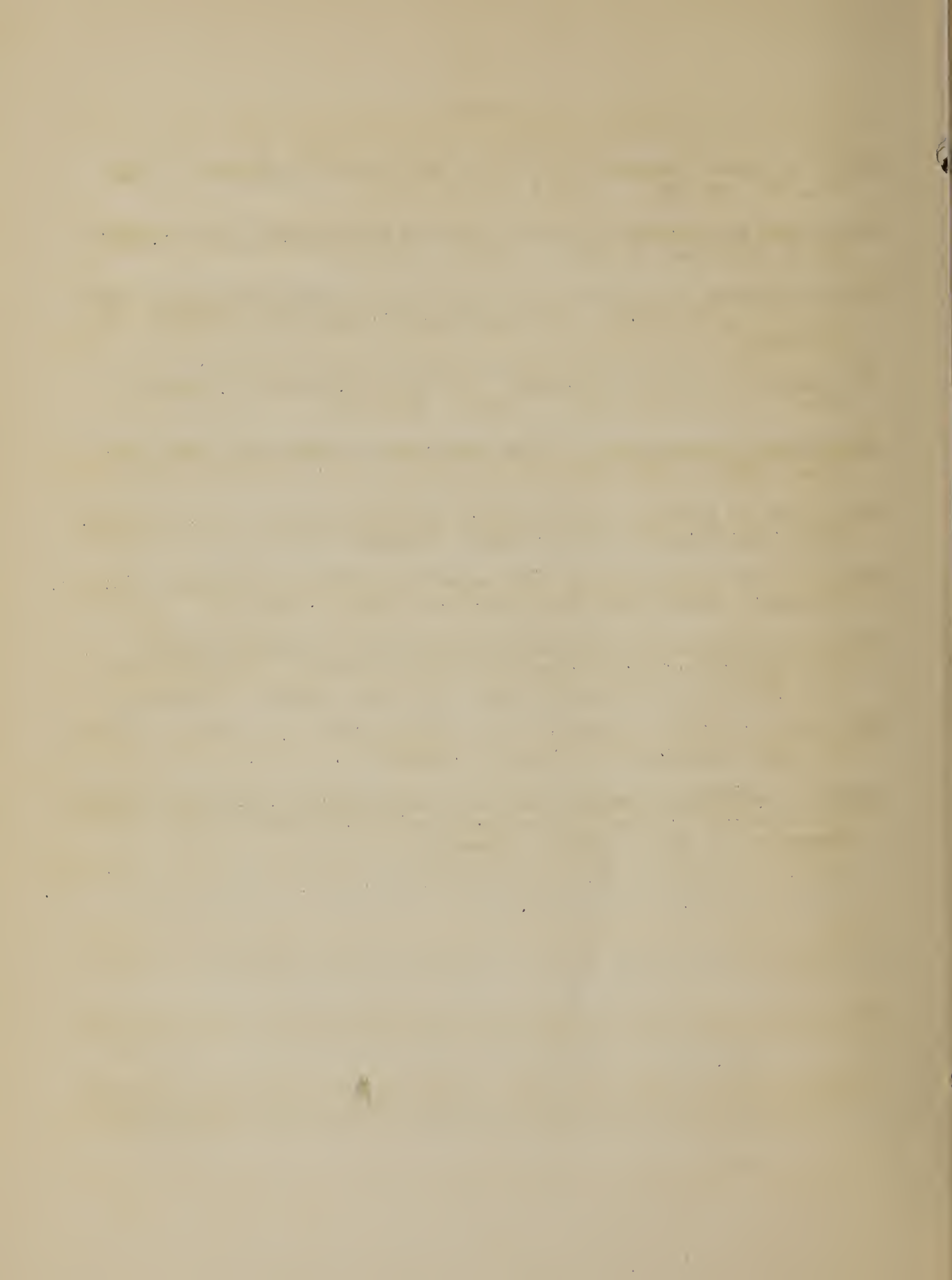
The state fiscal capacity of Maryland and other selected states. V. J. Wyckoff and W. P. Walker. (Md. Sta. Bul. 438, p. 165-204. 1940.) College Park.

- Seed inspection. F. A. McLaughlin. (Mass. Sta. Control Ser. Bul. 107, 104 p. 1940.) Amherst.
- Meteorological observations for February 1941. C. I. Gunness. (Mass. Sta. Met. Bul. 626, 4 p. 1941.) Amherst.
- Replacing cane sugar with variable increments of dextrose and cerelose sugar in the ice cream mix, and its effect upon the physical and chemical properties of ice cream at different serving temperatures. W. H. E. Reid, R. J. Cooley, and W. S. Arbuckle. (Mo. Sta. Res. Bul. 323, 52 p. 1940.) Columbia.
- Spraying grapes with special reference to black rot. H. G. Swartwout. (Mo. Sta. Circ. 211, 4 p. 1941.) Columbia.
- Land ownership and tenure, Huntley irrigation project, an analysis of their evolutions and implications. P. L. Slagsvold. (Mont. Sta. Bul. 385, 19 p. 1941.) Bozeman.
- Control of bacterial ring rot of potatoes with special reference to the ultra violet-light method for selecting disease-free seed stock. V. E. Iverson and H. C. Kelly. (Mont. Sta. Bul. 386, 15 p. 1940.) Bozeman.
- Commercial fertilizer report for 1940. J. T. Kelly and A. R. Patton. (Mont. Sta. Bul. 387, 8 p. 1941.) Bozeman.
- The Nebraska tractor tests, 1920-1940. Supplement: Summary of results of the Nebraska tractor tests... includes only tractors on the market January 1, 1941. (Nebr. Sta. Bul. 330, 48 p. 1941.) Lincoln.
- Bromegrass production in Nebraska. A. L. Frolik and L. C. Newell. (Nebr. Sta. Circ. 68, 16 p. 1941.) Lincoln.
- Inspection of commercial fertilizers for 1940. T. O. Smith and H. A. Davis. (N. H. Sta. Bul. 329, 11 p. 1940.) Durham.
- Soybeans in New Hampshire. F. S. Prince et al. (N. H. Sta. Circ. 57, 16 p. 1941.) Durham.
- Analyses of materials sold as insecticides and fungicides during 1940. C. S. Cathcart and R. L. Willis. (N. J. Sta. Bul. 686, 16 p. 1940.) New Brunswick.
- The stainless steel gravity milk mixer. H. E. Roberts and J. W. Bartlett. (N. J. Sta. Bul. 688, 3 p. 1941.) New Brunswick.
- A manual of bee husbandry. R. S. Filmer. (N. J. Sta. Circ. 404, 79 p. 1941.) New Brunswick.

- Diseases of roses. P. P. Pirone. (N. J. Sta. Circ. 405, 11 p. 1941.)
New Brunswick.
- Specifications for peat materials. S. A. Waksman et al. (N. J. Sta. Circ.
407, 4 p. 1941.) New Brunswick.
- Ladino clover. C. Eby. (N. J. Sta. Circ. 408, 7 p. 1941.) New
Brunswick.
- Internal parasites of birds (Part I). F. R. Beaudette. (N. J. Sta. Hints
to Poultrymen, vol. 27, no. 5, 4 p. 1940.) New Brunswick.
- Internal parasites of birds (Part II). F. R. Beaudette. (N. J. Sta.
Hints to Poultrymen, vol. 27, no. 6, 4 p. 1940.) New Brunswick.
- Turkey rations and feeding methods. G. C. Crandall. (N. J. Sta. Hints to
Poultrymen, vol. 28, no. 1, 4 p. 1940.) New Brunswick.
- Fifty-first annual report of the New Mexico Agricultural Experiment Station
for the fiscal year ended June 30, 1940. F. Garcia. 82 p. 1940.
State College.
- Marketing New York livestock. W. M. Curtiss and E. H. Matzen. (N. Y.
(Cornell) Sta. Bul. 744, 36 p. 1940.) Ithaca.
- A catalogue of the Plecoptera of the world. P. W. Claassen. (N. Y.
(Cornell) Sta. Mem. 232, 235 p. 1940.) Ithaca.
- Objective methods for determining the maturity of peas, with special refer-
ence to the frozen product. F. A. Lee. (N. Y. State Sta. Tech. Bul.
256, 17 p. 1941.) Geneva.
- Rate of rennet coagulation and curd tension of milk with special reference
to problems in cheese manufacture. J. C. Marquardt and M. Needham.
(N. Y. State/ Sta. Tech. Bul. 257, 16 p. 1941.) Geneva.
- Bloom period and yield of apples. C. W. Ellenwood. (Ohio Sta. Bul. 618,
21 p. 1941.) Wooster.
- The Ohio cooperative corn performance tests. G. H. Stringfield, R. D.
Lewis, and H. L. Pfaff. (Ohio Sta. Spec. Circ. 61, 30 p. 1941.)
Wooster.
- Oklahoma wheat improvement, 1939-40. H. S. Smith. (Okla. Sta. Circ. 91,
16 p. 1941.) Stillwater.
- Current farm economics, Oklahoma. (Okla. Sta. Cur. Farm Econ., vol. 14,
no. 1, 32 p. 1941.) Stillwater.

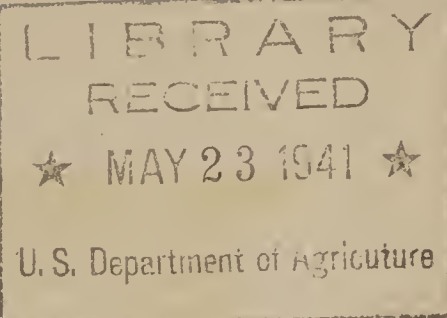
- Land use and production costs on dry-land wheat farms, Columbia Basin, Oregon. A. S. Burrier and W. W. Gorton. (Oreg. Sta. Bul. 373, 68 p. 1940.) Corvallis.
- Anjou pear responses to irrigation in a clay adobe soil. W. W. Aldrich et al. (Oreg. Sta. Bul. 374, 100 p. 1940.) Corvallis.
- Some economic implications of milk control in Oregon. D. B. DeLoach and W. A. West. (Oreg. Sta. Bul. 375, 16 p. 1940.) Corvallis.
- The Oregon method of controlling moisture and fat in butter. G. H. Wilster and R. E. Stout. (Oreg. Sta. Bul. 376, 23 p. 1940.) Corvallis.
- Some economic considerations of marketing Oregon fruits and vegetables through cooperative canning associations. D. B. DeLoach and C. W. Peters. (Oreg. Sta. Bul. 377, 77 p. 1940.) Corvallis.
- Some economic considerations affecting the marketing of Oregon dried prunes through cooperative dried-prune-packing associations. D. B. DeLoach and C. W. Peters. (Oreg. Sta. Bul. 378, 32 p. 1940.) Corvallis.
- Preparation of starter for cheese, buttermilk, butter. G. H. Wilster and F. E. Price. (Oreg. Sta. Bul. 379, 24 p. 1940.) Corvallis.
- Feeding alfalfa hay alone and with concentrates to dairy cows. D. H. Sherwood and H. K. Dean. (Oreg. Sta. Bul. 380, 35 p. 1940.) Corvallis.
- Ranch organization and range land use in Coos and Curry Counties, Oregon. H. R. Hochmuth and W. W. Gorton. (Oreg. Sta. Bul. 381, 40 p. 1940.) Corvallis.
- Cause and control of the Coryneum blight of oriental arborvitae. J. A. Milbrath and F. P. McWhorter. (Oreg. Sta. Bul. 382, 12 p. 1940.) Corvallis.
- Sampling, preserving, and testing milk. G. H. Wilster and R. P. Robichaux. (Oreg. Sta. Bul. 383, 44 p. 1940.) Corvallis.
- Financing fire protection for timber lands under Oregon laws. W. H. Dreesen. (Oreg. Sta. Bul. 384, 27 p. 1940.) Corvallis.
- The removal of leaves from rose plants at the time of digging. J. A. Milbrath, E. Hansen, and H. Hartman. (Oreg. Sta. Bul. 385, 11 p. 1940.) Corvallis.

- Trials of annual flowers, 1940. E. I. Wilde and J. R. Culbert. (Pa. Sta. Bul. 402, 38 p. 1941.) State College.
- Experiments in controlling corn ear pests in Puerto Rico. W. K. Bailey. (P. R. Sta. Circ. 23, 23 p. 1940.) Mayaguez.
- Planning minimum sized ranches and farms for the Hyde County area in South Dakota. A. G. Nelson. (S. Dak. Sta. Bul. 346, 32 p. 1940.) Brookings.
- The tomato fruit worm in Tennessee. S. Marcovitch and W. W. Stanley. (Tenn. Sta. Bul. 174, 18 p. 1941.) Knoxville.
- Wilt-resistant watermelons. C. D. Sherbakoff. (Tenn. Sta. Circ. 73, 4 p. 1941.) Knoxville.
- Production and marketing of dry peas in the Palouse area. W. W. Rufener. (Wash. Sta. Bul. 391, 55 p. 1940.) Pullman.
- Cooperative field experiments with commercial fertilizer mixtures. L. C. Wheeting. (Wash. Sta. Bul. 392, 48 p. 1940.) Pullman.
- Economic conditions and problems of agriculture in the Yakima Valley, Washington: The Yakima-Tieton irrigation district. E. B. Hurd and H. F. Hollands. (Wash. Sta. Bul. 393, 56 p. 1940.) Pullman.
- Electric pig and lamb brooders. W. A. Junnila and H. G. McDonald. (Wash. Sta. Pop. Bul. 160, 8 p. 1941.) Pullman.
- Report of agricultural research and other activities of the Western Washington Experiment Station for the fiscal year ended March 31, 1940. J. W. Kalkus et al. 64 p. 1940. Puyallup.



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EX 6 L 1

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
Washington, D. C.



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during April 1941

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

Farmer cooperation in northern Alabama, a physical inventory and appraisal of cooperative endeavor in sixteen counties. L. C. Salter and E. L. Morgan. (Ala. Sta. Bul. 249, 52 p. 1941.) Auburn.

Homemade lamp brooder. D. F. King. (Ala. Sta. Lft. 19, 4 p. 1941.) Auburn.

The Mesa Experiment Farm helps farmers help themselves. R. S. Hawkins and D. C. Aepli. (Ariz. Sta. Bul. 171, p. 158-186. 1941.) Tucson.

Third annual report of the Arizona Feed Control Office, year ending December 31, 1940. W. T. McGeorge et al. (Ariz. Sta. Bul. 172, p. 187-244. 1941.) Tucson.

Third annual report of the Arizona Fertilizer Control Office, year ending December 31, 1940. W. T. McGeorge et al. (Ariz. Sta. Bul. 173, p. 243-254. 1941.) Tucson.

Effectiveness of the sunlight in Tucson, Arizona, for the prevention or cure of rickets. M. C. Smith, N. Sayre, and E. Blanchard. (Ariz. Sta. Tech. Bul. 90, p. 170-195. 1941.) Tucson.

Newly developed vegetable varieties for use in California. D. R. Porter, H. A. Jones, and G. N. Davis. (Calif. Sta. Bul. 646, 26 p. 1941.) Berkeley.

Granulation of Valencia oranges. E. T. Bartholomew, W. B. Sinclair, and F. M. Turrell. (Calif. Sta. Bul. 647, 63 p. 1941.) Berkeley.

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- Factors influencing the results of fumigation of the California red scale. D. L. Lindgren.- Inheritance of resistance to hydrocyanic acid fumigation in the California red scale. R. C. Dickson. (Hilgardia [Calif. Sta.], vol. 13, no. 9, p. 491-522. 1941.) Berkeley.
- Colorado potato pests. L. B. Daniels. (Colo. Sta. Bul. 465, 28 p. 1941.) Fort Collins.
- Colorado Farm Bulletin. (Colo. Sta. Farm Bul. vol. 3, no. 2, 19 p. 1941.) Fort Collins.
- The feeding value and nutritive properties of citrus by-products:
II, Dried grapefruit pulp for milk production. P. T. D. Arnold, R. B. Becker, and W. M. Neal. (Fla. Sta. Bul. 354, 14 p. 1941.) Gainesville.
- Corn varieties and hybrids and corn improvement. F. H. Hull, J. D. Warner, and W. A. Carver. (Fla. Sta. Bul. 355, 50 p. 1941.) Gainesville.
- Graphic summary of farm tenancy in Georgia. J. C. Elrod. (Ga. Sta. Bul. 210, 39 p. 1941.) Experiment.
- Report of the Hawaii Agricultural Experiment Station, 1940. J. H. Beaumont et al. 94 p. 1941. Honolulu.
- Publications available for free distribution. (Idaho Sta. Circ. 82, 4 p. 1941.) Moscow.
- Effect of storage on yields of farm seed treated for disease control, wheat, oats, barley, corn. B. Koehler. (Ill. Sta. Bul. 476, p. 258-276. 1941.) Urbana.
- Business policies of country grain elevators. L. J. Norton. (Ill. Sta. Bul. 477, p. 278-308. 1941.) Urbana.
- Cotton plantation laborers: A socio-economic study of laborers on cotton plantations in Concordia Parish, Louisiana. S. E. Grigsby and H. Hoffsommer. (La. Sta. Bul. 328, 40 p. 1941.) University.
- Precooling of strawberries. H. T. Barr and W. D. Poole. (La. Sta. Bul. 331, 22 p. 1941.) University.
- Precooling and drying of washed Irish potatoes. W. D. Poole and H. T. Barr. (La. Sta. Bul. 332, 23 p. 1941.) University.
- Commercial agricultural seeds, 1940. G. P. Steinbauer.- Fungicides and insecticides, 1940. E. R. Tobey. (Maine Sta. Off. Insp. 178, p. 99-130. 1940.) Orono.
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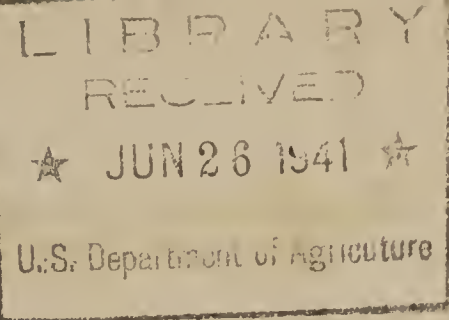
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- Soil reaction (pH) preferences of plants. C. H. Spurway. (Mich. Sta. Spec. Bul. 306, 36 p. 1941.) East Lansing.
- Some morphological and functional relationships of the bovine hypophysis. L. O. Gilmore, W. E. Petersen, and A. T. Rasmussen. (Minn. Sta. Tech. Bul. 145, 55 p. 1941.) University Farm, St. Paul.
- Forty-seventh annual report, Minnesota Agricultural Experiment Station, July 1, 1939 to June 30, 1940. W. C. Coffey. 104 p. 1940. University Farm, St. Paul.
- Pork production. Compiled by H. O. West. (Miss. Sta. Bul. 351, 139 p. 1940.) State College.
- Factors for success on starch sweetpotato and general farms in Jones County, Mississippi, 1939. M. Guin, D. W. Parvin, and A. J. Huff. (Miss. Sta. Bul. 352, 36 p. 1940.) State College.
- Growing cucumbers for pickling in Mississippi. W. S. Anderson. (Miss. Sta. Bul. 355, 17 p. 1941.) State College.
- Developing the frame-work of tung trees from dormant buds. J. C. Robert. (Miss. Sta. Circ. 102, 7 p. 1941.) State College.
- Ulcerative enteritis in quail. A. J. Durant and E. R. Doll. (Mo. Sta. Res. Bul. 325, 27 p. 1941.) Columbia.
- Variations in dairy bull semen with respect to its use in artificial insemination. H. A. Herman and E. W. Swanson. (Mo. Sta. Res. Bul. 326, 82 p. 1941.) Columbia.
- Dry-land pasture experiments at the Judith Basin Branch Station, Moccasin, Montana. R. M. Williams and A. H. Post. (Mont. Sta. Bul. 388, 25 p. 1941.) Bozeman.
- Quality of cotton produced in New Mexico, 1936-1939. F. Lowenstein and J. C. Overpeck. (N. Mex. Sta. Bul. 274, 26 p. 1941.) State College.
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- Germination of the conidia of Sclerotinia fructicola, with special reference to the toxicity of copper. C. K. Lin. (N. Y. (Cornell) Sta. Mem. 233, 33 p. 1940.) Ithaca.
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C. F. Williams. (N. C. Sta. Tech. Bul. 67, 19 p. 1941.) State
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Stillwater.
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H. A. Daniel, and F. A. Fenton. (Okla. Sta. Bul. B-247, 14 p. 1941.)
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- Wheat production in Oklahoma, 1894-1938. K. D. Blood and M. L. Hill.
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I. M. Parrott, and F. W. Self. (Okla. Sta. Circ. C-93, 22 p. 1941.)
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- Report of the Agricultural Experiment Station of Puerto Rico, 1938.
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- Inspection of fertilizers. W. L. Adams and T. Wright, Jr. (R. I. Sta.
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- An economic study of agriculture in the Little Beaverdam Creek area,
Anderson County, South Carolina. M. J. Peterson. (S. C. Sta. Bul.
332, 54 p. 1941.) Clemson.
- Cottonseed treatments in Tennessee. N. I. Hancock and D. M. Simpson.
(Tenn. Sta. Bul. 175, 15 p. 1941.) Knoxville.
- Plant diseases in Texas and their control. A. A. Dunlap. (Tex. Sta.
Circ. 91, 71 p. 1941.) College Station.
- Uton, a new high-yielding white oat resistant to loose and covered smuts.
D. C. Tingey, R. W. Woodward, and T. R. Stanton. (Utah Sta. Bul. 296,
15 p. 1941.) Logan.
- Forest and watershed fires in Utah. E. O. Buhler. (Utah Sta. Circ. 115,
27 p. 1941.) Logan.
- Fiftieth annual report for the fiscal year ended June 30, 1940.
E. C. Johnson et al. (Wash. Sta. Bul. 394, 124 p. 1940.)
Pullman.
- Bacterial ring-rot of potatoes. G. H. Starr and W. A. Riedl. (Wyo. Sta.
Bul. 244, 12 p. 1941.) Laramie.

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UNITED STATES DEPARTMENT OF AGRICULTURE

OFFICE OF EXPERIMENT STATIONS
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LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during May 1941

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

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Permanent pasture studies. M. Nelson. (Ark. Sta. Bul. 407, 58 p. 1941.) Fayetteville.

Experiments with fungicides for use against Sclerotium rolfsii in soils. A. E. Davey and L. D. Leach.- Further studies on the inheritance of resistance to powdery mildew of beans. B. Dundas.- Snapdragon rust-resistance trials, 1937-1938. C. O. Blodgett and G. A. L. Mehlquist. (Hilgardia [Calif. Sta.] vol. 13, no. 10, p. 523-581. 1941.) Berkeley.

Factors that affect sheep income. R. T. Burdick. (Colo. Sta. Bul. 467, 28 p. 1941.) Fort Collins.

Bacterial ring rot of potato. W. A. Kreutzer, D. P. Glick, and J. G. McLean. (Colo. Sta. Press Bul. 94, 12 p. 1941.) Fort Collins.

Chemical investigations of the tobacco plant: VIII, The effect upon the composition of the tobacco plant of the form in which nitrogen is supplied. H. B. Vickery et al. (Conn. (State) Sta. Bul. 442, p. 65-119. 1940.) New Haven.

An economic study of land utilization in New Castle County, Delaware. R. O. Bausman. (Del. Sta. Bul. 228, 74 p. 1941.) Newark.

Evidence of the value of the sodium ion in cotton fertilizers. E. D. Matthews. (Ga. Sta. Circ. 127, 7 p. 1941.) Experiment.

Meteorological observations for January 1941. C. I. Gunness. (Mass. Sta. Met. Bul. 625, 4 p. 1941.) Amherst.

Meteorological observations for April 1941. C. I. Gunness. (Mass. Sta. Met. Bul. 628, 4 p. 1941.) Amherst.

Studies in brucellosis. I. F. Huddleson et al. (Mich. Sta. Tech. Bul. 177, 55 p. 1941.) East Lansing.

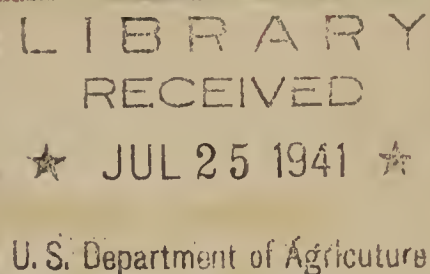
Peach culture in Michigan. S. Johnston.- Insects infesting peach. R. Hutson.- Peach diseases. D. Cation. (Mich. Sta. Circ. 177, 88 p. 1941.) East Lansing.

- Organization and operation of Minnesota cooperative oil associations. E. F. Koller and O. B. Jesness. (Minn. Sta. Bul. 351, 58 p. 1941.) University Farm, St. Paul.
- Methods of field curing hay. T. N. Jones, O. A. Leonard, and I. E. Hamblin. (Miss. Sta. Bul. 353, 28 p. 1940.) State College.
- The influence on cotton production of nitrogen, phosphorus, and potassium and their combination. J. L. Anthony and J. Pitner. (Miss. Sta. Bul. 357, 15 p. 1941.) State College.
- Sweetpotato plant spacing. W. S. Anderson et al. (Miss. Sta. Bul. 358, 19 p. 1941.) State College.
- The use of poles in the construction of poultry range shelters. H. D. Polk. (Miss. Sta. Circ. 101, 7 p. 1941.) State College.
- Seasonal variation and economy of basic feeds, 1924-1940. H. M. Haag and N. St. John. (Mo. Sta. Bul. 422, 43 p. 1941.) Columbia.
- The normal growth of chickens. H. L. Kempster. (Mo. Sta. Bul. 423, 20 p. 1941.) Columbia.
- The Oriental fruit moth in Missouri. W. Wingo. (Mo. Sta. Bul. 424, 15 p. 1941.) Columbia.
- Fattening early and late lambs. A. J. Dyer and L. A. Weaver. (Mo. Sta. Bul. 425, 16 p. 1941.) Columbia.
- Combine harvesters in Missouri. M. M. Jones and R. P. Beasley. (Mo. Sta. Bul. 426, 27 p. 1941.) Columbia.
- Poultry diseases and parasites. L. Van Es and J. F. Olney. (Nebr. Sta. Bul. 332, 90 p. 1941.) Lincoln.
- Annual report Nevada Agricultural Experiment Station for the fiscal year ending June 30, 1940. S. B. Doten et al. 42 p. 1941. Reno.
- Grape production in eastern New Mexico. R. Burnham. (N. Mex. Sta. Bul. 275, 23 p. 1941.) State College.
- The cage system for managing laying hens. L. N. Berry. (N. Mex. Sta. Bul. 276, 14 p. 1941.) State College.
- Costs of farm power and equipment. J. P. Hertel and P. Williamson. (N. Y. (Cornell) Sta. Bul. 751, 38 p. 1941.) Ithaca.
- Increasing tomato yields. C. E. Sayre. (N. Y. State Sta. Circ. 191, 8 p. 1941.) Geneva.
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 209, p. 15-83. 1941.) Wooster.
- Current farm economics, Oklahoma. (Okla. Sta. Cur. Farm Econ., vol. 14, no. 2, p. 33-64. 1941.) Stillwater.
- The frozen food industry. H. Carlton. (Tenn. Sta. Bul. 173, 175 p. 1941.) Knoxville.

- Soybeans in the diet. J. K. Hale. (Tenn. Sta. Circ. 74, 4 p. 1941.) Knoxville.
- A hybrid sweet corn for Tennessee. L. S. Mayer and A. B. Strand. (Tenn. Sta. Circ. 75, 4 p. 1941.) Knoxville.
- Fifty-second annual report of the Tennessee Agricultural Experiment Station for 1939. C. A. Mooers et al. 80 p. 1940. Knoxville.
- Land use in relation to sedimentation in reservoirs, Trinity River Basin, Texas. A. N. Garin and L. P. Gabbard. (Tex. Sta. Bul. 597, 65 p. 1941.) College Station.
- Infectious entero-toxemia (milk colic) of lambs and kids. I. B. Boughton and W. T. Hardy. (Tex. Sta. Bul. 598, 20 p. 1941.) College Station.
- The use of sudan grass pastures and other feeds for beef production. J. H. Jones et al. (Tex. Sta. Bul. 599, 29 p. 1941.) College Station.
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- Truck crop investigations: Rapid soil tests for determining the fertilizer requirements of vegetable crops in eastern Virginia. E. R. Purvis and J. M. Blume. (Va. Truck Sta. Bul. 106, p. 1743-1756. 1941.) Norfolk.
- What's new in farm science: Fifty-seventh annual report for year ended June 30, 1940, Part II. C. L. Christensen, N. Clark, and N. Hoveland. (Wis. Sta. Bul. 451, 112 p. 1941.) Madison.
- State aids and rural property taxes in Wisconsin. K. H. Parsons, B. H. Hibbard, and A. J. Walrath. (Wis. Sta. Res. Bul. 138, 48 p. 1941.) Madison.
- Sulphur dusting for the control of psyllid yellows of potatoes. W. A. Reidl. (Wyo. Sta. Bul. 245, 16 p. 1941.) Laramie.
- Hybrid corn adaptation trials in Wyoming, 1940. W. A. Reidl and W. L. Quayle. (Wyo. Sta. Bul. 246, 20 p. 1941.) Laramie.

UNITED STATES DEPARTMENT OF AGRICULTURE

OFFICE OF EXPERIMENT STATIONS
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LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during June 1941

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

University of Arizona, College of Agriculture, Agricultural Experiment Station, fifty-first annual report for the year ending June 30, 1940. P. S. Burgess. 112 p. 1941. Tucson.

Plot tests with chemical soil sterilants in California. A. S. Crafts, H. D. Bruce, and R. N. Raynor. (Calif. Sta. Bul. 648, 25 p. 1941.) Berkeley.

Cysteine and related compounds for differentiating members of the genus Salmonella. W. R. Hinshaw.- Microanatomy of the duodenum of the turkey. L. E. Rosenberg. (Hilgardia [Calif. Sta.] vol. 13, no. 11, p. 583-654. 1941.) Berkeley.

Weeds of Colorado. B. J. Thornton and L. W. Durrell. (Colo. Sta. Bul. 466, 125 p. 1941.) Fort Collins.

Commercial feeding stuffs, report of inspection, 1940. E. M. Bailey. (Conn. (State) Sta. Bul. 443, p. 121-222. 1941.) New Haven.

Florida agricultural experiment station annual report for the fiscal year ending June 30, 1940. W. Newell et al. 213 p. [1940] Gainesville.

The phosphorus requirement for growing and fattening beef steers. W. M. Beeson et al. (Idaho Sta. Bul. 240, 14 p. 1941.) Moscow.

Report of progress in solving Idaho's farm problems: Forty-eighth annual report for the year ending December 31, 1940. E. J. Iddings et al. (Idaho Sta. Bul. 239, 81 p. 1941.) Moscow.

Effect of pasture on grade of beef. S. Bull, R. R. Snapp, and H. P. Rusk. (Ill. Sta. Bul. 475, p. 225-256. 1941.) Urbana.

Supervised practice in vocational agriculture in Iowa. H. P. Sweany and J. A. Starrak. (Iowa Sta. Bul. P29 (new ser.) 32 p. 1941.) Ames.

- Soybean production in Iowa. E. S. Dyas. (Iowa Sta. Bul. P30 (new ser.) p. 33-47. 1941.) Ames.
- The Iowa farmer and world war II. C. E. Friley et al. (Iowa Sta. Bul. P31 (new ser.) p. 49-70. 1941.) Ames.
- Report of progress for the year ending June 30, 1940. F. Griffie et al. (Maine Sta. Bul. 400, p. 185-294. 1940) Orono.
- Meteorological observations for May 1941. C. I. Gunness. (Mass. Sta. Met. Bul. 629, 4 p. 1941.) Amherst.
- Refrigerator cars as farm storages. H. A. Cardinell. (Mich. Sta. Spec. Bul. 308, 38 p. 1941.) East Lansing.
- The Quarterly Bulletin. (Mich. Sta. Quart. Bul. vol. 23, no. 4, p. 270-302. 1941.) East Lansing.
- Agricultural planning, its economic and social aspects. C. F. Kraenzel and O. A. Parsons. (Mont. Sta. Bul. 391, 43 p. 1941.) Bozeman.
- Alfalfa in Nebraska. H. M. Tysdal and T. A. Kiesselbach. (Nebr. Sta. Bul. 331, 68 p. 1941.) Lincoln.
- A short cut method of computing grazing capacity ratings from range survey forage estimates. F. B. Harris. (Nev. Sta. Bul. 155, 15 p. 1941.) Reno.
- A 3-year study of out-of-season hatching. F. P. Jeffrey and C. S. Platt. (N. J. Sta. Bul. 687, 23 p. 1941.) New Brunswick.
- Development of machinery for harvesting and storing grass silage. H. E. Besley, C. Eby, and W. R. Humphries. (N. J. Sta. Bul. 689, 28 p. 1941.) New Brunswick.
- Putting profit in tomato growing. L. G. Schermerhorn et al. (N. J. Sta. Circ. 409, 4 p. 1941.) New Brunswick.
- Preparation of tank-mixed copper fungicides. R. H. Daines. (N. J. Sta. Circ. 410, 4 p. 1941.) New Brunswick.
- Potato blights. W. H. Martin. (N. J. Sta. Circ. 411, 2 p. 1941.) New Brunswick.
- Cherry leaf spot. R. H. Daines. (N. J. Sta. Circ. 412, 4 p. 1941.) New Brunswick.
- The answer to your tomato problem. L. G. Schermerhorn et al. (N. J. Sta. Circ. 414, 20 p. 1941.) New Brunswick.
- The artificial insemination of chickens. F. P. Jeffrey. (N. J. Sta. Hints to Poultrymen, vol. 28, no. 2, 4 p. 1941.) New Brunswick.

- A monthly standard for squab production. C. S. Platt. (N. J. Sta. Hints to Poultrymen, vol. 28, no. 3, 4 p. 1941.) New Brunswick.
- Market outlets for New Mexico onions. R. P. Callaway. (N. Mex. Sta. Bul. 277, 31 p. 1941.) State College.
- Reseeding trials on arid range land. J. O. Bridges. (N. Mex. Sta. Bul. 278, 48 p. 1941.) State College.
- The influence on milk production of a definite time interval for milking cows by machine. A. C. Dahlberg. (N. Y. State Sta. Bul. 697, 13 p. 1941.) Geneva.
- The relative sweetness of sugars as affected by concentration. A. C. Dahlberg and E. S. Penczek. (N. Y. State Sta. Tech. Bul. 258, 12 p. 1941.) Geneva.
- Bimonthly Bulletin. (N. Dak. Sta. Bimo. Bul., vol. 3, no. 5, 19 p. 1941.) State College Station, Fargo.
- Control of lawn weeds and the renovation of lawns. F. A. Welton and J. C. Carroll. (Ohio Sta. Bul. 619, 85 p. 1941.) Wooster.
- Wide row spacing and row application of limestone and phosphate for sweet clover production. H. J. Harper. (Okla. Sta. Bul. B-248, 29 p. 1941.) Stillwater.
- Sweet clover for soil improvement. H. J. Harper. (Okla. Sta. Circ. C-94, 31 p. 1941.) Stillwater.
- Protecting stored wheat against insects. F. A. Fenton. (Okla. Sta. Circ. C-95, 8 p. 1941.) Stillwater.
- A new explanation of what happens to superphosphate in limed soils. W. H. MacIntire. (Tenn. Sta. Bul. 176, 16 p. 1941.) Knoxville.
- The pale western cutworm (Agrotis orthogoniana Morrison) in Utah. C. J. Sorenson and H. F. Thornley. (Utah Sta. Bul. 297, 23 p. 1941.) Logan.
- Farmer cooperation in southwest Virginia, a physical inventory and appraisal of cooperative endeavor in fifteen counties. E. L. Morgan and T. N. Gearreald. (Va. Sta. Bul. 331, 46 p. 1941.) Blacksburg.
- Control of grape diseases and insects. R. H. Hurt. (Va. Sta. Bul. 332, 12 p. 1941.) Blacksburg.
- Helminth parasites in sheep. W. L. Threlkeld. (Va. Sta. Tech. Bul. 68, 46 p. 1941.) Blacksburg.

Proceedings of the 1940 conference on low-income farms. C. R. Orton et al.
(W. Va. Sta. Bul. 299, 46 p. 1941.) Morgantown.

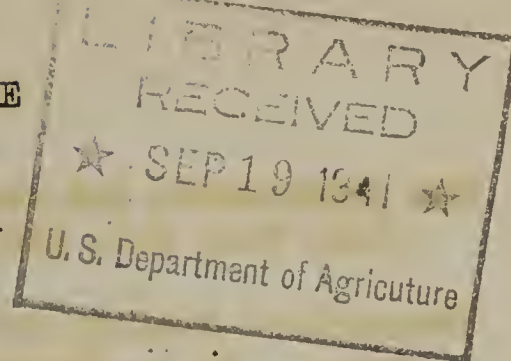
Practical forest management for the cut-over hardwood lands in southern
West Virginia. Lowell Besley. (W. Va. Sta. Bul. 300, 15 + xlvi p.
1941.) Morgantown.

Farm management for soil conservation in the Harrison area. E. C. Weitzell.
(W. Va. Sta. Bul. 301, 51 p. 1941.) Morgantown.

Bean straw in the ration for fattening lambs in the Big Horn Basin. A. S.
Ingraham. (Wyo. Sta. Bul. 247, 12 p. 1941.) Laramie.

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Ex 641
UNITED STATES DEPARTMENT OF AGRICULTURE

OFFICE OF EXPERIMENT STATIONS
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LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during July 1941

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Factors influencing Alabama agriculture, its characteristics and farming areas.
B. F. Alvord, M. A. Crosby, and E. G. Schiffman. (Ala. Sta. Bul. 250, 76 p. 1941.) Auburn.

Influence of Colorado River silt on some properties of Yuma Mesa sandy soil.
W. T. McGeorge. (Ariz. Sta. Tech. Bul. 91, p. 197-217. 1941.) Tucson.

Adaptability of grass species to Arkansas. E. L. Nielsen. (Ark. Sta. Bul. 408, 62 p. 1941.) Fayetteville.

Establishment of Bermuda grass from seed in nurseries. E. L. Nielsen. (Ark. Sta. Bul. 409, 26 p. 1941.) Fayetteville.

Relation of fertilizer balance to potash hunger and the Fusarium wilt of cotton.
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The home vegetable garden. H. L. Cochran. (Ga. Sta. Bul. 215, 40 p. 1941.) Experiment.

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- Sweet clover - its culture and uses. A. T. Wiancko and R. R. Mulvey. (Ind. Sta. Circ. 261, 14 p. 1940.) Lafayette.
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- Biennial report of the North Louisiana Experiment Station, Calhoun, Louisiana, 1939-1940. D. M. Johns. 43 p. [1941.] University.
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- Field-crop experiments at the Conservancy District Substation, 1938-1940. R. Stroud. (N. Mex. Sta. Bul. 279, 24 p. 1941.) State College.
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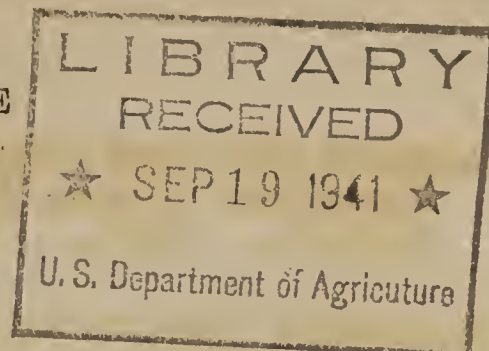
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- Farm price facts for North Dakota. W. L. Ettesvold. (N. Dak. Sta. Bul. 299, 24 p. 1941.) State College Station, Fargo.
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- Twenty-two years of soil fertility investigations in the Willamette Valley, Oregon. W. L. Powers and C. V. Ruzek. (Oreg. Sta. Bul. 387, 23 p. 1941.) Corvallis.
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- Minerals for farm animals. J. R. Haag. (Oreg. Sta. Circ. 136, 8 p. 1940.) Corvallis.

- Surplus wheat feeding experiments in Oregon. J. C. Burtner. (Oreg. Sta. Circ. 137, 40 p. 1940.) Corvallis.
- Factors affecting egg quality. N. L. Bennion and F. E. Price. (Oreg. Sta. Circ. 138, 24 p. 1940.) Corvallis.
- The Hessian fly in Oregon. L. P. Rockwood. (Oreg. Sta. Circ. 141, 7 p. 1941.) Corvallis.
- Experiments with buckwheat. J. W. White, F. J. Holben, and A. C. Richer. (Pa. Sta. Bul. 403, 62 p. 1941.) State College.
- Bacteriological aspects of farm milk cooling. T. G. Anderson. (Pa. Sta. Bul. 404, 13 p. 1941.) State College.
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- The pistol case-bearer and its control in Pennsylvania orchards. H. M. Steiner and H. N. Worthley. (Pa. Sta. Bul. 406, 26 p. 1941.) State College.
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- Basic trends of social change in South Dakota: VII. Local government. W. F. Kumlien. (S. Dak. Sta. Bul. 347, 31 p. 1941.) Brookings.
- Basic trends of social change in South Dakota: VIII. Religious organization. W. F. Kumlien. (S. Dak. Sta. Bul. 348, 24 p. 1941.) Brookings.
- Homemade rubber tired wagons and trailers. H. H. DeLong. (S. Dak. Sta. Bul. 349, 31 p. 1941.) Brookings.
- Miomark oats. S. P. Swenson. (S. Dak. Sta. Circ. 32, 4 p. 1941.) Brookings.

- Citrus varieties for the lower Rio Grande Valley. W. H. Friend and J. F. Wood. (Tex. Sta. Bul. 601, 36 p. 1941.) College Station.
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- Lime and fertilizers improve pastures. W. R. Perkins, A. L. Grizzard, and T. H. Hutcheson. (Va. Sta. Bul. 330, 32 p. 1941.) Blacksburg.
- Experiments and observations on pasture management in Appomattox County. T. B. Hutcheson. (Va. Sta. Bul. 333, 32 p. 1941.) Blacksburg.
- Factors which affect the vitamin C content of apples. M. S. Eheart. (Va. Sta. Tech. Bul. 69, 16 p. 1941.) Blacksburg.
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- The adjustment of new settlers in the Yakima Valley, Washington. C. F. Reuss and L. H. Fisher. (Wash. Sta. Bul. 397, 48 p. 1941.) Pullman.
- Man in the "cut-over": A study of family-farm resources in northern Wisconsin. G. W. Hill and R. A. Smith. (Wis. Sta. Res. Bul. 139, 72 p. 1941.) Madison.
- Influence of cereal grains upon quality of meat in turkeys. M. O. North. (Wyo. Sta. Bul. 248, 20 p. 1941.) Laramie.

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UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
Washington, D. C.



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during August 1941

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

- Sickness and medical care among the rural population in a petroleum-producing area of Arkansas. I. C. Wilson. (Ark. Sta. Bul. 413, 49 p. 1941.) Fayetteville.
- Processing and chemical investigations of taro. J. H. Payne, G. J. Ley, and G. Akau. (Hawaii Sta. Bul. 86, 42 p. 1941.) Honolulu.
- Papaya production in the Hawaiian Islands. W. W. Jones et al. (Hawaii Sta. Bul. 87, 64 p. 1941.) Honolulu.
- Diseases of taro in Hawaii and their control, with notes on field production. G. K. Parris. (Hawaii Sta. Circ. 18, 29 p. 1941.) Honolulu.
- Propagation of fowl- and pigeon-pox viruses in avian eggs and use of egg-cultivated viruses for immunization. C. A. Brandly. (Ill. Sta. Bul. 478, p. 309-336. 1941.) Urbana.
- Separation methods affect cream quality. K. C. Boxell. (Ind. Sta. Bul. 457, 10 p. 1941.) Lafayette.
- Plum variety trials at the Purdue farm, Bedford, Indiana. C. L. Burkholder. (Ind. Sta. Bul. 458, 20 p. 1941.) Lafayette.
- An economic analysis of the production of peppermint and spearmint oils in Indiana. M. G. Smith and L. Robertson. (Ind. Sta. Bul. 459, 31 p. 1941.) Lafayette.
- Small agricultural holdings in two industrial areas in Indiana. H. L. Hawley. (Ind. Sta. Bul. 460, 35 p. 1941.) Lafayette.
- Indiana Stallion Enrollment, report of Stallion Enrollment Board for the year 1940 with lists of stallions and jacks enrolled. (Ind. Sta. Circ. 263, 48 p. 1940.) Lafayette.
- Progress report of soils and crops experiments on the Knox County Experiment Field from 1936-1940. A. T. Wiancko, G. P. Walker, and C. Lett. (Ind. Sta. Circ. 264, 4 p. 1941.) Lafayette.

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- Classification of Corynebacterium equi. D. W. Bruner and P. R. Edwards. (Ky. Sta. Bul. 414, p. 89-107. 1941.) Lexington.
- Effect of tobacco mosaic on yield and quality of dark fire-cured tobacco. E. M. Johnson and W. D. Valleau. (Ky. Sta. Bul. 415, p. 109-114. 1941.) Lexington.
- Effect of formaldehyde fumigation on mortality of chick embryos. W. M. Insko, Jr., D. G. Steele, and C. Hinton. (Ky. Sta. Bul. 416, p. 117-138. 1941.) Lexington.
- Commercial fertilizers in Kentucky in 1940. J. D. Turner, H. R. Allen, and L. Gault. (Ky. Sta. Regulatory Ser. Bul. 26, 59 p. 1941.) Lexington.
- Studies on corn ear worm control. L. P. Ditman, J. P. Secrest, and E. N. Cory. (Md. Sta. Bul. 439, p. 203-226. 1941.) College Park.
- Massachusetts Agricultural Experiment Station, annual report for the fiscal year ending November 30, 1940. F. J. Sievers et al. (Mass. Sta. Bul. 378, 112 p. 1941.) Amherst.
- Spraying to control preharvest drop of apples especially in relation to McIntosh. L. Southwick and J. K. Shaw. (Mass. Sta. Bul. 381, 16 p. 1941.) Amherst.
- Meteorological observations for July 1941. C. I. Gunness. (Mass. Sta. Met. Bul. 631, 4 p. 1941.) Amherst.
- Michigan trappers. D. W. Hayne. (Mich. Sta. Special Bul. 307, 34 p. 1941.) East Lansing.
- Farm tenancy in Minnesota. G. A. Pond. (Minn. Sta. Bul. 353, 56 p. 1941.) University Farm, St. Paul.
- Minhybrid corn varieties for Minnesota. H. K. Hayes et al. (Minn. Sta. Bul. 354, 40 p. 1941.) University Farm, St. Paul.
- Factors affecting the decreasing rate of flow of liquids through wood. B. E. Anderson, R. A. Gortner, and H. Schmitz. (Minn. Sta. Tech. Bul. 146, 70 p. 1941.) University Farm, St. Paul.
- Potato yields and quality as affected by commercial fertilizers. F. M. Harrington, V. E. Iverson, and W. E. Pollinger. (Mont. Sta. Bul. 392, 20 p. 1941.) Bozeman.
- Studies on control of bunt of wheat. H. E. Morris and A. M. Schlichuber. (Mont. Sta. Bul. 393, 18 p. 1941.) Bozeman.

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- The geographic distribution of Azotobacter and Rhizobium meliloti in Nebraska soils in relation to certain environmental factors. H. B. Peterson and T. H. Goodding. (Nebr. Sta. Res. Bul. 121, 24 p. 1941.) Lincoln.
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- The owls of New Jersey. L. A. Hausman. (N. J. Sta. Bul. 690, 36 p. 1941.) New Brunswick.
- The corn earworm and its control on sweet corn. B. B. Pepper. (N. J. Sta. Circ. 413, 13 p. 1941.) New Brunswick.
- Potato scab. W. H. Martin and R. H. Daines. (N. J. Sta. Circ. 415, 10 p. 1941.) New Brunswick.
- Utilitarian breeds of domestic fowls. W. C. Thompson. (N. J. Sta. Hints to Poultrymen, vol. 28, no. 4, 4 p. 1941.) New Brunswick.
- Rearing methods for young turkeys. G. C. Crandall. (N. J. Sta. Hints to Poultrymen, vol. 28, no. 5, 4 p. 1941.) New Brunswick.
- Effect of irrigation practices on the growth and yield of White Grano onions. A. S. Curry. (N. Mex. Sta. Bul. 281, 34 p. 1941.) State College.
- A comparative study of high-temperature, short-time, and holder pasteurization. A. Millenky and H. J. Brueckner. (N. Y. (Cornell) Sta. Bul. 754, 26 p. 1941.) Ithaca.
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- Controlled-atmosphere storage of apples. R. M. Snock and A. Van Doren. (N. Y. (Cornell) Sta. Bul. 762, 45 p. 1941.) Ithaca.
- Studies on bitter pit of the apple. R. M. Snock. (N. Y. (Cornell) Sta. Memoir 234, 45 p. 1941.) Ithaca.
- A study of dormancy in seeds of Polygonum. O. L. Justice. (N. Y. (Cornell) Sta. Memoir 235, 43 p. 1941.) Ithaca.
- Reproduction of the field mouse Microtus pennsylvanicus (Ord). W. J. Hamilton, Jr. (N. Y. (Cornell) Sta. Memoir 237, 23 p. 1941.) Ithaca.
- The organisms causing rusty spot in Cheddar cheese. C. S. Pederson and R. S. Breed. (N. Y. Sta. Tech. Bul. 259, 15 p. 1941.) Geneva.
- The use of the contact plate method to determine the microbial contamination on flat surfaces. W. G. Walter and G. J. Hucker. (N. Y. State Sta. Tech. Bul. 260, 34 p. 1941.) Geneva.

- Filberts. G. L. Slate. (N. Y. State Sta. Circ. 192, 14 p. 1941.) Geneva.
- Soil Fertility studies with peanuts. E. R. Collins and H. D. Morris. (N. C. Sta. Bul. 330, 23 p. 1941.) State College Station, Raleigh.
- Agricultural research in North Carolina 1939-1940, Sixty-second and Sixty-third annual reports of the Agricultural Experiment Station...for the fiscal period July 1, 1938 to June 30, 1940; progress report for the two years ending November 30, 1940. I. O. Schaub, R. M. Salter, and L. D. Bayer. 74 p. 1941. State College Station, Raleigh.
- Grain storage on the farm. T. E. Long and M. G. Cropsey. (N. Dak. Sta. Bul. 302, 68 p. 1941.) State College Station, Fargo.
- Bimonthly Bulletin. (N. Dak. Sta. Bimo. Bul., vol. 3, no. 6, 31 p. 1941.) State College Station, Fargo.
- Fertilization of ornamental trees, shrubs, and evergreens. L. C. Chadwick. Ohio Sta. Bul. 620, 29 p. 1941.) Wooster.
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul., vol. 26, no. 211, 17 p. 1941.) Wooster.
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- Cost and efficiency of irrigated farm pastures in eastern Oregon. W. W. Gorton. (Oreg. Sta. Bul. 391, 24 p. 1941.) Corvallis.
- Costs and grazing values of Willamette Valley and southern Oregon farm pastures. W. W. Gorton. (Oreg. Sta. Bul. 392, 51 p. 1941.) Corvallis.
- Irrigation requirement of arable Oregon soils. W. L. Powers and M. R. Lewis. (Oreg. Sta. Bul. 394, 40 p. 1941.) Corvallis.
- Reproductive performance in dairy cattle: I. R. Jones, R. W. Dougherty, and J. R. Haag. (Oreg. Sta. Bul. 395, 27 p. 1941.) Corvallis.
- Cost and efficiency in producing walnuts in western Oregon. G. W. Kuhlman and C. E. Schuster. (Oreg. Sta. Bul. 396, 59 p. 1941.) Corvallis.
- Influence of various grits on battery-raised broilers. W. T. Cooney. (Oreg. Sta. Circ. 139, 11 p. 1941.) Corvallis.
- Suggestions on management of small game in Oregon. A. S. Einarsen. (Oreg. Sta. Circ. 140, 18 p. 1941.) Corvallis.
- Design of small irrigation pipe lines. M. R. Lewis. (Oreg. Sta. Circ. 142, 7 p. 1941.) Corvallis.
- Humus for Oregon soils. R. E. Stephenson. (Oreg. Sta. Circ. 143, 23 p. 1941.) Corvallis.

- A study of soil erosion in the agricultural areas of Rhode Island and the comparative erodibility of five major soil series associated with these areas. E. A. Perry. (R. I. Sta. Bul. 277, 25 p. 1941.) Kingston.
- Pathogenicity and control of Corticium fuciforme. L. E. Erwin. (R. I. Sta. Bul. 278, 34 p. 1941.) Kingston.
- The economic relationship between feeding and milk production in Rhode Island. J. L. Tennant and H. C. Fowler. (R. I. Sta. Bul. 279, 23 p. 1941.) Kingston.
- Fifty-third annual report, Rhode Island State College Agricultural Experiment Station, [1940]. B. E. Gilbert. 71 p. 1941. Kingston.
- Abstracts of bulletins no. 581-595, circulars no. 86-90, and other publications during 1940. A. D. Jackson. (Tex. Sta. Circ. 93, 51 p. 1941.) College Station.
- Competition influence on the root systems of jack and Norway pines. W. R. Adams and G. L. Chapman. (Vt. Sta. Bul. 472, 32 p. 1941.) Burlington.
- Boron deficiency of alfalfa in western Washington. K. Baur, G. A. Huber, and L. C. Wheeting. (Wash. Sta. Bul. 396, 16 p. 1941.) Pullman.
- Wheat varieties in Washington in 1939. E. F. Gaines and E. G. Schafer. (Wash. Sta. Bul. 398, 22 p. 1941.) Pullman.
- Settlement experience and opportunities on cut-over lands of western Washington. C. P. Heisig. (Wash. Sta. Bul. 399, 56 p. 1941.) Pullman.

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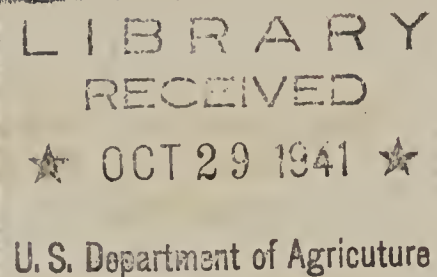
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UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
Washington, D. C.



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during September 1941.

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

- Organization and use of Alabama locker plants in 1941. W. K. McPherson.
(Ala. Sta. Spec. Circ. [unnumbered], 19 p. 1941.) Auburn.
- Peach varieties in Arkansas. J. E. Vaile. (Ark. Sta. Bul. 414, 28 p.
1941.) Fayetteville.
- Connecticut State Entomologist fortieth report 1940. R. B. Friend. (Conn.
(State) Sta. Bul. 445, p. 239-384, illus. 1941.) New Haven.
- Connecticut agricultural experiment station annual report for the year ending
October 31, 1940. W. L. Slate. (Conn. (State) Sta. Bul. 446, p. 389-445..
1941.) New Haven.
- Delaware farm production and prices: a compilation of available statistics.
C. E. Burkhead and R. O. Bausman. (Del. Sta. Bul. 230, 90 p., illus.
1941.) Newark.
- Georgia Coastal Plain experiment station twentieth annual report 1939-1940.
S. H. Starr. (Ga. Coastal Plain Sta. Bul. 31, 14 p., illus. 1940.)
Tifton.
- Methyl-bromide fumigation of papaya and tomato. W. W. Jones. (Hawaii Sta.
Circ. 17, 14 p., illus. 1940.) Honolulu.
- Meteorological observations for August 1941. C. I. Gunness. (Mass. Sta.
Met. Ser. Bul. 632, 4 p. 1941.) Amherst.
- The Quarterly Bulletin. (Mich. Sta. Quart. Bul. vol. 24, no. 1, p. 1-91, illus.
1941.) East Lansing.
- Pastures in Mississippi. H. W. Bennett. (Miss. Sta. Bul. 356, 39 p., illus.
1941.) State College.
- Controlling bot and warble flies of livestock in Missouri. L. Haseman and
W. E. Roland. (Mo. Sta. Bul. 430, 32 p., illus. 1941.) Columbia.
- Poultry housing conditions in Missouri. E. M. Funk. (Mo. Sta. Bul. 431,
11 p., illus. 1941.) Columbia.

- Registration, labeling and inspection of commercial fertilizers; 1940. L. D. Haigh, E. W. Cowan, and L. L. Wiseman. (Mo. Sta. Bul. 432, 56 p. 1941.) Columbia.
- Estrus, ovulation, and related phenomena in the mare. F. N. Andrews and F. F. McKenzie. (Mo. Sta. Res. Bul. 329, 117 p., illus. 1941.) Columbia.
- Nitrogen fixation and soil fertility exhaustion by soybeans under different levels of potassium. C. E. Ferguson and W. A. Albrecht. (Mo. Sta. Res. Bul. 330, 52 p., illus. 1941.) Columbia.
- Needed local government reorganization in Ozark land use adjustment areas. F. A. Clarenbach. (Mo. Sta. Res. Bul. 331, 132 p., illus. 1941.) Columbia.
- The Hessian fly. L. Haseman. (Mo. Sta. Circ. 212, 4 p., illus. 1941.) Columbia.
- Seasonal calcium and phosphorus requirements of range cattle, as shown by blood analyses. J. H. Knox, J. W. Benner, and W. E. Watkins. (N. Mex. Sta. Bul. 282, 28 p., illus. 1941.) State College.
- Root rot and its control. R. F. Crawford. (N. Mex. Sta. Bul. 283, 13 p., 1941.) State College.
- III. Further studies of the influence of different levels of fat intake upon milk secretion. L. A. Maynard, J. K. Loosli, and C. M. McCay. (N. Y. (Cornell) Sta. Bul. 753, 18 p., illus. 1941.) Ithaca.
- Soil and pasture management for Long Island, New York. A. F. Gustafson and D. B. Johnstone-Wallace. (N. Y. (Cornell) Sta. Bul. 755, 44 p., illus. 1941.) Ithaca.
- The alfalfa snout beetle: its control and suppression. C. E. Palm, C. Lincoln, and A. B. Buchholz. (N. Y. (Cornell) Sta. Bul. 757, 50 p., illus. 1941.) Ithaca.
- Clover leafhopper (Aceratagallia sanguinolenta Prov.) T. C. Watkins. (N. Y. (Cornell) Sta. Bul. 758, 24 p., illus. 1941.) Ithaca.
- Rural public-welfare administration and finance in New York. E. A. Lutz. (N. Y. (Cornell) Sta. Bul. 760, 72 p., illus. 1941.) Ithaca.
- Biology and ecology of the alfalfa snout beetle. C. Lincoln and C. E. Palm. (N. Y. (Cornell) Sta. Mem. 236, 45 p., illus. 1941.) Ithaca.
- The influence of age and rate of breeding upon the ability of the female rat to reproduce and raise young. S. A. Asdell, R. Bogart, and G. Sperling. (N. Y. (Cornell) Sta. Mem. 238, 26 p., illus. 1941.) Ithaca.
- Price flexibility and price movements in the United States and other countries. M. T. Buchanan. (N. Y. (Cornell) Sta. Mem. 239, 25 p., illus. 1941.) Ithaca.

- Ohio agricultural statistics 1939. G. S. Ray, O. M. Frost, and P. P. Wallrabenstein. (Ohio Sta. Bul. 621, 59 p. 1941.) Wooster.
- The utilization of feed as affected by grinding. V. G. Heller, R. Wall, and H. M. Briggs. (Okla. Sta. Tech. Bul. 10, 10 p. 1941.) Stillwater.
- Legume silage in dairy feeding. S. I. Bechdel, R. W. Stone, P. S. Williams, and F. R. Murdock. (Pa. Sta. Bul. 411, 22 p., illus. 1941.) State College.
- The Pennsylvania method for determining the percentage of fat in dairy products. W. D. Swope. (Pa. Sta. Bul. 412, 18 p. 1941.) State College.
- An economic study of land classes Blair County, Pennsylvania, (Progress report). W. E. Keepper. (Pa. Sta. Bul. 413, 26 p., illus. 1941.) State College.
- Field experiments with potash fertilizers. T. E. Odland and T. R. Cox. (R. I. Sta. Bul. 280, 30 p., illus. 1941.) Kingston.
- The sale price and assessed value of farm real estate in South Carolina. G. H. Aull. (S. C. Sta. Bul. 334, 42 p., illus. 1941.) Clemson.
- Holding cream for buttermaking. D. H. Jacobsen and T. A. Evans. (S. Dak. Sta. Bul. 350, 12 p., illus. 1941.) Brookings.
- Farmers' elevator operations in South Dakota. L. M. Brown and H. Hedges. (S. Dak. Sta. Bul. 351, 39 p., illus. 1941.) Brookings.
- Profits and losses in ranching, western South Dakota, 1931-1940. A. G. Nelson and G. E. Korzan. (S. Dak. Sta. Bul. 352, 31 p., illus. 1941.) Brookings.
- Fattening western lambs and gunner ewes. J. C. Watson and F. U. Fenn. (S. Dak. Sta. Bul. 354, 10 p., illus. 1941.) Brookings.
- Should farmers emphasize wheat or livestock in North Central South Dakota? A. G. Nelson and G. E. Korzan. (S. Dak. Sta. Circ. 33, 16 p., illus. 1941.) Brookings.
- How fine should grain be ground for milk cows? G. C. Wallis and T. M. Olson. (S. Dak. Sta. Circ. 34, 7 p., illus. 1941.) Brookings.
- Questions and answers on fruit culture. N. E. Hansen. (S. Dak. Sta. Circ. 35, 30 p. 1941.) Brookings.
- Fifty-third annual report [Texas Agricultural Experiment Station], 1940. A. B. Conner. 294 p. [1941] College Station.
- Experiments on the culture of hybrid tea roses. A. G. Smith, Jr. (Va. Sta. Bul. 334, 32 p., illus. 1941.) Blacksburg.

Susceptibility of wheat varieties and selections to loose smut. S. A. Wingard and F. D. Fromme. (Va. Sta. Tech. Bul. 70, 26 p., illus. 1941.) Blacksburg.

Cropping systems that help control erosion. C. E. Hays and W. Clark. (Wis. Sta. Bul. 452, 24 p., illus. 1941.) Madison.

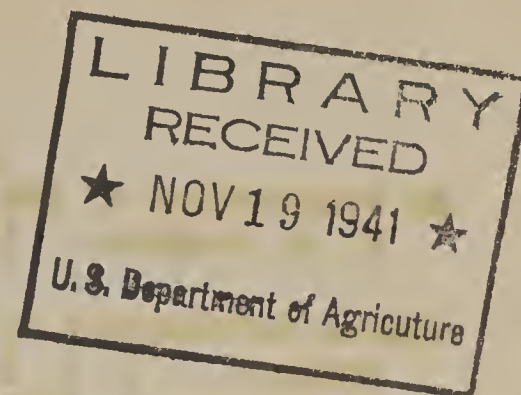
Index Bulletin I, University of Wyoming Agricultural Experiment Station. M. Lamb. 47 p. 1941. Laramie.

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UNITED STATES DEPARTMENT OF AGRICULTURE

OFFICE OF EXPERIMENT STATIONS

Washington, D. C.



LIST OF STATION PUBLICATIONS

Received by the Office of Experiment Stations during October 1941

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

Creosoted tamarisk fence posts and adaptability of tamarisk as a fine cabinet wood. G. E. P. Smith. (Ariz. Sta. Tech. Bul. 92, p. 219-254, illus. 1941.) Tucson.

Pasture investigations (Ninth report). Ladino clover experiments, 1930 to 1940. B. A. Brown and R. I. Munsell. (Conn. (Storrs) Sta. Bul. 235, 42 p. 1941.) Storrs.

The improvement of a Holstein-Friesian herd through the use of sires with superior pedigrees. The first twenty years, 1920-1940. T. A. Baker and A. E. Tomhave. (Del. Sta. Bul. 231, 23 p., illus. 1941.) Newark.

Intensity of fall and winter egg production of pullet progeny sired by cockerels sib-tested for intensity of production. A. E. Tomhave. (Del. Sta. Bul. 232, 27 p., illus. 1941.) Newark.

Cattle feeding in southern Florida. R. W. Kidder and W. G. Kirk. (Fla. Sta. Bul. 360, 23 p., illus. 1941.) Gainesville.

Relation of maturity in Bliss Triumph potato seed stocks to effectiveness of ethylene chlorhydrin and other treatments. G. R. Townsend. (Fla. Sta. Tech. Bul. 362, 40 p. 1941.) Gainesville.

Retailer and consumer reaction to graded and branded beef. R. C. Ashby et al. (Ill. Sta. Bul. 479, p. 337-391, illus. 1941.) Urbana.

The challenge to democracy. IV. The test of citizenship. V. A. Moody. (Iowa Sta. Bul. P24 (New Ser.), p. 669-684. 1941.) Ames.

The challenge to democracy. V. Democracy and nationalism. C. H. Matterson. (Iowa Sta. Bul. P25 (New Ser.), p. 685-700. 1941.) Ames.

- An examination of the accuracy of lattice and lattice square experiments on corn. W. G. Cochran. (Iowa Sta. Res. Bul. 289, p. 397-415. 1941.) Ames.
- Flavor development in salted butter by pure cultures of bacteria. Preliminary results. W. H. Hoecker and B. W. Hammer. (Iowa Sta. Res. Bul. 290, p. 317-345, illus. 1941.) Ames.
- Bacteriology of cheese. VI. Relationship of fat hydrolysis to the ripening of Cheddar cheese. C. B. Lane and B. W. Hammer. (Iowa Sta. Res. Bul. 291, p. 349-384. 1941.) Ames.
- Transmission tests of maize mutants induced by ultra-violet radiation. G. F. Sprague. (Iowa Sta. Res. Bul. 292, p. 387-407, illus. 1941.) Ames.
- Farm organization and costs and returns in producing potatoes on farms in the St. John River area of Aroostook County, Maine, 1937. W. E. Schrumpf. (Maine Sta. Bul. 406, p. 1-82, illus. 1941.) Orono.
- Results of testing some laboratory methods for possible use in the detection of virus diseases in potato tubers. D. Folsom. (Maine Sta. Bul. 407, p. 83-104. 1941.) Orono.
- Fifty-sixth annual report of the Maine Agricultural Experiment Station, 1939-1940 [contents and index]. pp. [11], 295-309. 1939-1940.) Orono.
- The propagation of some trees and shrubs by cuttings. W. L. Doran. (Mass. Sta. Bul. 382, 56 p. 1941.) Amherst.
- The sanitary evaluation of private water supplies. R. L. France. (Mass. Sta. Bul. 383, 11 p. 1941.) Amherst.
- The importance of length of incubation period in Rhode Island Reds. F. A. Hays. (Mass. Sta. Bul. 384, 12 p. 1941.) Amherst.
- Meteorological observations for September 1941. C. I. Gunness. (Mass. Sta. Met. Ser. Bul. 633, 4 p. 1941.) Amherst.
- Experience of Michigan rural banks with short term loans to farmers. R. J. Burroughs and H. S. Patton. (Mich. Sta. Spec. Bul. 311, 80 p. 1941.) East Lansing.
- Date and rate of lawn seeding. L. E. Longley. (Minn. Sta. Bul. 355, 8 p. 1941.) University Farm, St. Paul.
- Gourds--their culture, uses, identification, and relation to other cultivated Cucurbitaceae. A. E. Hutchins and L. Sando. (Minn. Sta. Bul. 356, 35 p., illus. 1941.) University Farm, St. Paul.

Owner farm families in poor agricultural areas and cropper farm families in rich agricultural areas. D. Dickins. (Miss. Sta. Bul. 359, 19 p., illus. 1941.) State College.

An economic study of truck farming in Copiah County, Mississippi, 1938-1940. M. Guin and D. W. Parvin. (Miss. Sta. Bul. 361, 35 p., illus. 1941.) State College.

Conserving minerals and vitamins in vegetables. O. Sheets. (Miss. Sta. Bul. 362, 15 p., illus. 1941.) State College.

The effect of genetical factors, seasonal differences and soil variations upon certain characteristics of upland cotton in the Yazoo-Mississippi delta. J. W. Neely. (Miss. Sta. Tech. Bul. 28, 43 p., illus. 1940.) State College.

Oil filters for internal combustion engines. C. W. Smith, T. B. Johnson, and E. L. Munter. (Nebr. Sta. Bul. 334, 58 p., illus. 1941.) Lincoln.

Agricultural research in New Hampshire: Annual report of the director of the New Hampshire Agricultural Experiment Station for 1940. M. G. Eastman. (N. H. Sta. Bul. 330, 42 p. 1941.) Durham.

Research of the New Hampshire experiment station in animal breeding and nutrition. E. G. Ritzman. (N. H. Sta. Bul. 331, 20 p., illus. 1941.) Durham.

Effect of soil moisture and fertilizer placement on vitality of the potato seed piece. S. Dunn. (N. H. Sta. Circ. 59, 11 p., illus. 1941.) Durham.

Studies on apple scab control. O. R. Butler and S. Dunn. (N. H. Sta. Circ. 60, 15 p. 1941.) Durham.

Costs and returns for the cabbage enterprise, 1938 and 1939. R. W. Hoecker. (N. Y. (Cornell) Sta. Bul. 759, 60 p., illus. 1941.) Ithaca.

Prices of apple varieties as a factor in variety selection. M. D. Woodin. (N. Y. (Cornell) Sta. Bul. 761, 20 p., illus. 1941.) Ithaca.

Shrunken wheat for laying hens. G. P. Goodearl. (N. Dak. Sta. Bul. 297, 10 p. 1941.) State College Station, Fargo.

Grass. (N. Dak. Sta. Bul. 300, 112 p., illus. 1941.) State College Station, Fargo.

Turkey feeding: I. Proso millet - a substitute for yellow corn in the ration for growing turkeys. II. Feeding of mash in pellet form to growing turkeys. G. P. Goodearl and F. E. Moore. (N. Dak. Sta. Bul. 303, 22 p., illus. (1941.) State College Station, Fargo.

One hundred new homesteads in the Red River Valley, North Dakota: A study of the resettlement and rehabilitation of farm families. J. P. Johansen (N. Dak. Sta. Bul. 304, 50 p., illus. 1941.) State College Station, Fargo.

- Cost of power farming; its improvements and work accomplishments. T. E. Long.
(N. Dak. Sta. Bul. 305, 15 p., illus. 1941.) State College Station, Fargo.
- Summer fattening of farm flock lambs. (N. Dak. Sta. Bul. 306, 11 p. 1941.)
State College Station, Fargo.
- Turkey capons. G. P. Goodearl and F. E. Moore. (N. Dak. Sta. Bul. 307, 18 p.,
illus. 1941.) State College Station, Fargo.
- Bimonthly Bulletin. (N. Dak. Sta. Bimo. Bul., vol. 4, no. 1, 19 p. illus. 1941.
State College Station, Fargo.
- Fertilizers for early cabbage, tomatoes, cucumbers, and sweet corn. J. Bushnell.
(Ohio Sta. Bul. 622, 30 p. 1941.) Wooster.
- Marketing Ohio tomatoes to processors on grades, 1930-1940. C. W. Hauck.
(Ohio Sta. Bul. 623, 26 p., illus. 1941.) Wooster.
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 212, p. 157-174, illus.
1941.) Wooster.
- The transmission of anaplasmosis by horseflies (Tabanidae). D. E. Howell et
al. (Okla. Sta. Tech. Bul. T-11, 23 p. 1941.) Stillwater.
- Current farm economics, Oklahoma. (Okla. Sta. Cur. Farm Econ., vol. 14, no. 5,
p. 129-160, illus. 1941.) Stillwater.
- Cotton marketing in South Carolina. W. T. Ferrier and H. A. White. (S. C.
Sta. Bul. 335, 28 p., illus. 1941.) Clemson.
- Feeding values of low- and high-test weight grains for chickens. W. E. Poley
and W. O. Wilson. (S. Dak. Sta. Bul. 353, 32 p., illus. 1941.) Brookings.
- Commercial feeding stuffs; the role of minerals in stock feeding. L. S. Walker
and E. F. Boyce. (Vt. Sta. Bul. 473, 63 p. 1941.) Burlington.
- Food consumption of 538 farm and 299 village families in Vermont. V. Britton.
Vt. Sta. Bul. 474, 46 p. 1941.) Burlington.
- Vermont Agricultural Experiment Station fifty-fourth annual report, 1940-41,
J. L. Hills. (Vt. Sta. Bul. 475, 40 p. 1941.) Burlington.

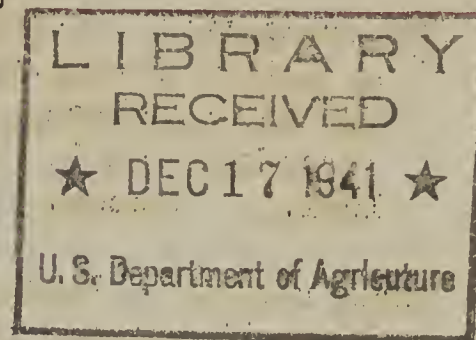
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LIST OF STATION PUBLICATIONS



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Commercial production of dessert wines. M. A. Joslyn and M. A. Amerine.
(Calif. Sta. Bul. 651, 186 p., illus. 1941.) Berkeley.

Commercial production of brandies. M. A. Joslyn and M. A. Amerine. (Calif. Sta. Bul. 652, 80 p., illus. 1941.) Berkeley.

The artichoke plume moth and other pests injurious to the globe artichoke.
W. H. Lange, Jr. (Calif. Sta. Bul. 653, 75 p., illus. 1941.) Berkeley.

Types of farming in California analyzed by enterprises. L. A. Crawford
and E. B. Hurd. (Calif. Sta. Bul. 654, 128 p., illus. 1941.) Berkeley.

Chlorate distribution and the effect of nitrate concentration on chlorate
toxicity in soil columns. R. S. Rosenfels and A. S. Crafts.- Movement
of carbon disulfide vapor in soils. R. M. Hagan. (Hilgardia [Calif.
Sta.] vol. 14, no. 2, p. 71-118, illus. 1941.) Berkeley.

Hydrologic studies of the Putah Creek area in the Sacramento Valley, California.
M. R. Huberty and C. N. Johnston.- Chemical composition of water in the
Putah Creek basin. C. S. Bisson and M. R. Huberty. (Hilgardia [Calif.
Sta.] vol. 14, no. 3, pp. 119-160, illus. 1941.) Berkeley.

The forty-fifth report on food products and the thirty-third report on drug
products, 1940. E. M. Bailey. (Conn. (State) Sta. Bul. 447, p. 447-481.
1941.) New Haven.

A portable charcoal kiln: Using the chimney principle. A. R. Olson and H. W.
Hicock. (Conn. (State) Sta. Bul. 448, p. 483-513, illus. 1941.) New
Haven.

Control of the European corn borer by sprays and dusts. N. Turner. (Conn.
(State) Sta. Circ. 147, 43 p., illus. 1941.) New Haven.

The production of ethyl alcohol from cull potatoes and other farm crops:

A review of the status of alcohol production and utilization, and a report of the operations of the experimental alcohol plant at Idaho Falls. H. Beresford and L. M. Christensen. (Idaho Sta. Bul. 241, 28 p., illus. 1941.) Moscow.

Rural relief in Illinois: A study of home assistance in thirteen counties.

D. E. Lindstrom and I. D. Johns. (Ill. Sta. Bul. 480, p. 393-440, illus. 1941.) Urbana.

Warren county soils. H. Wascher and R. S. Smith. (Ill. Sta. Soil Rpt. 70, 30 p., illus. 1941.) Urbana.

Planning the farm business in the Bluestem Belt of Kansas. R. J. Doll. (Kans. Sta. Bul. 294, 23 p., illus. 1941.) Manhattan.

Milk cooling on Kansas farms. J. Roberts and G. H. Larson. (Kans. Sta. Bul. 295, 39 p., illus. 1941.) Manhattan.

Results of bindweed control experiments at the Fort Hays Branch Station, Hays, Kansas, 1935 to 1940. F. L. Timmons. (Kans. Sta. Bul. 296, 50 p., illus. 1941.) Manhattan.

A second poultry survey in Kansas. L. F. Payne. (Kans. Sta. Bul. 297, 56 p., illus. 1941.) Manhattan.

Market quality of Kansas potatoes as determined by federal inspection. F. L. Parsons. (Kans. Sta. Bul. 298, 36 p., illus. 1941.) Manhattan.

Tame pastures in Kansas. K. L. Anderson. (Kans. Sta. Circ. 206, 28 p., illus. 1941.) Manhattan.

Swine feeding investigations, 1936 to 1940. C. E. Aubel. (Kans. Sta. Circ. 207, 20 p., illus. 1941.) Manhattan.

Re-establishing native grasses by the hay method. L. E. Wenger. (Kans. Sta. Circ. 208, 16 p., illus. 1941.) Manhattan.

Trace metals and total nutrients in human and cattle foods. E. B. Holland and W. S. Ritchie. (Mass. Sta. Bul. 379, 31 p. 1941.) Amherst.

Natural land types of Massachusetts and their use. A. B. Beaumont. (Mass. Sta. Bul. 385, 16 p., illus. 1941.) Amherst.

Twenty-first annual report on eradication of pullorum disease in Massachusetts. (Mass. Sta. Cont. Ser. Bul. 108, 11 p. 1941.) Amherst.

Meteorological observations for October 1941. C. I. Gunness. (Mass. Sta. Met. Bul. 634, 4 p. 1941.) Amherst.

The community situation as it affects agricultural extension work. C. R. Hoffer and D. L. Gibson. (Mich. Sta. Spec. Bul. 312, 35 p., illus. 1941.) East Lansing.

- Income levels of contract beet workers in Nebraska. F. Miller. (Nebr. Sta. Bul. 335, 23 p., illus. 1941.) Lincoln.
- The relation of temperature to the embryonic and nymphal development of the differential grasshopper Melanoplus differentialis Thomas. M. H. Swenk and C. H. Bratt. (Nebr. Sta. Res. Bul. 122, 24 p., illus. 1941.) Lincoln.
- Traits that determine the efficiency of the pig as a transformer of energy. E. G. Ritzman and N. F. Colovos, (N. H. Sta. Tech. Bul. 75, 29 p., illus. 1941.) Durham.
- An insect toximeter: Studies of contact insecticides XV. W. C. O'Kane, L. C. Glover, and R. L. Blickle. (N. H. Sta. Tech. Bul. 76, 10 p., illus. 1941.) Durham.
- Mineral composition of freshly fallen white pine and red maple leaves. W. H. Lyford, Jr. (N. H. Sta. Tech. Bul. 77, 12 p. 1941.) Durham.
- Studies on the bitter-pit disease of apples. O. R. Butler and S. Dunn. (N. H. Sta. Tech. Bul. 78, 10 p. 1941.) Durham.
- Soils in relation to fruit-growing in New York: Part XV. Seasonal and soil influences on oxygen and carbon-dioxide levels of New York orchard soils. D. Boynton. (N. Y. (Cornell) Sta. Bul. 763, 43 p., illus. 1941.) Ithaca.
- Consumer buying of potatoes and store offerings. A. S. Hotchkiss. (N. Y. (Cornell) Sta. Bul. 764, 34 p., illus. 1941.) Ithaca.
- The demand for milk and cream as revealed by consumer purchases at retail food stores in New York City. C. J. Blanford. (N. Y. (Cornell) Sta. Bul. 765, 47 p., illus. 1941.) Ithaca.
- Level of living, social participation, and adjustment of Ohio farm people. A. R. Mangus and H. R. Cottam. (Ohio Sta. Bul. 624, 58 p., illus. 1941.) Wooster.
- The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul. 213, pp. 175-187, illus. 1941.) Wooster.
- Farmers' mutual fire insurance companies in West Virginia. M. A. Abrahamsen. (W. Va. Sta. Bul. 302, 43 p., illus. 1941.) Morgantown.

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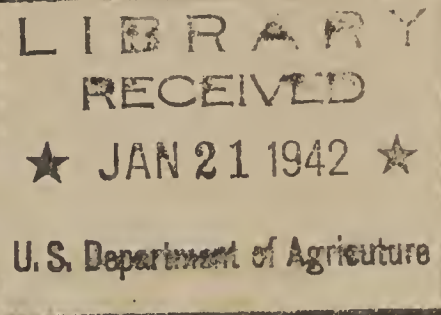
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Received by the Office of Experiment Stations during December 1941

The Department does not have these publications for distribution. Usually they may be obtained from the stations issuing them. The postoffice address of the station is given at the end of each entry.

Efficiency in the use of farm machinery in Arizona. N. C. Thompson. (Ariz. Sta. Bul. 174, p. 255-273, illus. 1941.) Tucson.

Management practices with large lima beans in southern California. W. Sullivan, W. M. Cory, and M. D. Miller. (Calif. Sta. Bul. 657, 30 p., illus. 1941.) Berkeley.

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Fifty-fourth annual report, Colorado Experiment Station, 1940-41. I. E. Newsom. 62 p. 1941. Fort Collins.

Better methods of pimiento production. H. L. Cochran. (Ga. Sta. Bul. 218, 141 p., illus. 1941.) Experiment.

Cultural methods for growing peanuts. U. R. Gore. (Ga. Sta. Circ. 131, 14 p., illus. 1941.) Experiment.

Fifty-third annual report, Georgia Experiment Station, for the year 1940-41. H. P. Stuckey. 161 p., illus. 1941. Experiment.

Publication list: Publications available from the [Kansas] Agricultural Experiment Station. L. E. Call. (Kans. Sta. Circ. 205, 14 p. 1941.) Manhattan.

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- Meteorological observations for November 1941. C. I. Gunness. (Mass. Sta. Met. Bul. 635, 14 p., illus. 1941.) Amherst.
- The Quarterly Bulletin. (Mich. Sta. Quart. Bul. vol. 24, no. 2, p. 95-162, illus. 1941.) East Lansing.
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- An ecological study of the forest tent caterpillar, Malacosoma disstria Hbn., in northern Minnesota. A. C. Hodson. (Minn. Sta. Tech. Bul. 148, 55 p., illus. 1941.) University Farm, St. Paul.
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- Fertilizer investigations in Montana in 1940. A. H. Post. (Mont. Sta. Bul. 395, 17 p., illus. 1941.) Bozeman.
- The Grain Inspection Laboratory: twenty-five years' service to Montana. W. O. Whitcomb. (Mont. Sta. Bul. 396, 19 p., illus. 1941.) Bozeman.
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- Weeds of New Jersey. J. G. Fiske. (N. J. Sta. Circ. 416, 51 p., illus. 1941.) New Brunswick.
- Testing soils for deficiencies. F. E. Bear. (N. J. Sta. Circ. 417, 8 p. 1941.) New Brunswick.
- Avoiding failure in the poultry business. W. C. Thompson. (N. J. Sta. Hints to Poultrymen, vol. 28, no. 6, 14 p. 1941.) New Brunswick.
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- The all-electric greenhouse. J. Roberts and S. E. Wadsworth. (Wash. Sta. Bul. 404, 22 p., illus. 1941.) Pullman.
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